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SERA Repeater Journal

The Official Voice of SERA, Inc.

Nov., Dec. 1999, Jan. 2000 3.00

8 STATE REPEATER INDEX INSIDE

Committee Meets Splits SERA Data Duties

SERA Volunteer - David Ward - Wrote the Book on SERA Data

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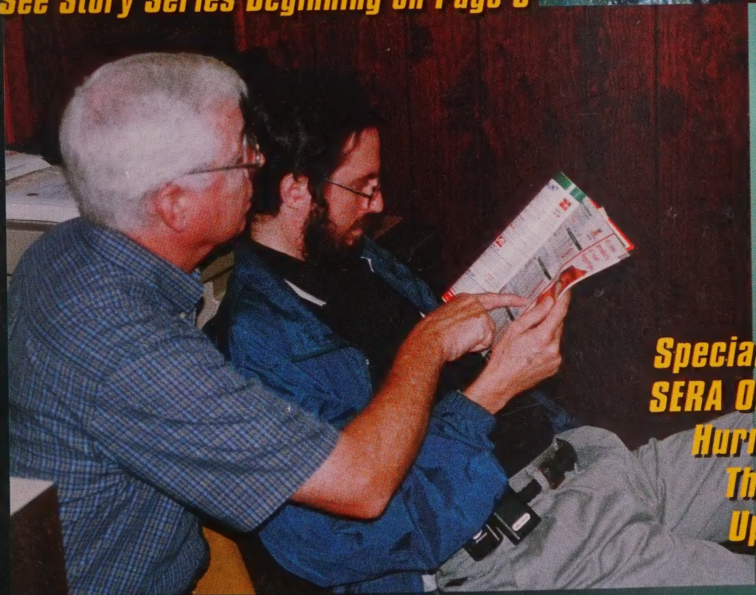

Also In This Issue!

Special! The 2000 Hamfest Calendar

SERA Officer Nominations Announced

Hurricane Floyd and the Carolinas

The Hamette talks to a Repeater

Updated 8-State Repeater Index

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NOV., DEC.,1999, JAN. 2000 - ISSUE 4

SERA Repeater Journal
The Official Voice of SERA, Inc.

By Far . . .The Most Recognized Regional Amateur Publication in the United States

The Voice of the SouthEastern Repeater Assn., Inc.
Published 4 Times A Year in Feb., May, Aug., Nov.
Exclusively for Southeastern Repeater owners and users.

Page 1 - Editorially Speaking . . !

Editorial.com

The .com stuff and electronic phones are beginning to get on my nerves. I don't wish to offend any of you who are worshippers of the World Wide Web, and stay equipped with your digital portable telephone but, enough is enough.

You can't see a program, watch a race, a ballgame, wrestling, see a commercial or what ever there is anywhere on TV or radio that they don't invite you to check out their "fabulous" web site.

Watching the Braves game the other night, they kept hawking me to go to <majorleaguebaseball .com> and see the game in action live on their website.

Excuse me! I'm happy watching it live right here on my 57-inch surround-sound TV, why should I go to the jerky little picture on my computer?

Why, you can even watch and get late updates of your favorite NASCAR star on <nascar.com> during the actual race. What For? I'm watching the race live.

The newspaper I retired from, like most others has gone web bananas. They have hired a full staff of people, and spent thousands of dollars in server equipment to have <journalnow.com> Then you read the paper, and after most stories, they invite you to check their web for further details and information. Heck, you can even read the days paper, or classifieds on your computer. Cheeeezzz! For that matter, some servers offer you the "luxery" of making up your own newspaper, and printing it out on your color computer. Wwow!!!!!

Don't get me wrong. The electronic media has it's place in our lives. I guess it has become an important part of a lot of us.

As for phones - well, just as my friend was giving his order to the waitress at this big restuarant, he remembered he forgot to tell the wife he was having lunch with me. He merely picked up his trusty digital phone and called while the waitress waits. (She has to understand, we guys have our priorities here)

I was sitting in a booth behind a group of four ladies the other day eating lunch. I counted 7 times their phones rang, and I lost count of how many calls they placed. Isn't it wonderful how we can now catch up with important things during lunch. I remember years ago, I had to just sit there and eat, maybe read a paper or book while doing so. How horrible, how dull it was then. Nothing to do but just sit there, eat, relax and even forget about the job a few moments.

I guess the digital (celluar) phone gives some of us a false sense of security. We can remain in direct communications with anyone at any time, day or night. We can go out and eat and still keep up with what's going on at the office.

I was going through this intersection on my

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The Most Recognized Regional Amateur Magazine in the U.S.
Repeater Journal
The Official Voice of SERA, Inc.

Nov., Dec., '99, Jan. 2000
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Organized in 1971
"Providing 28 Years" Of Continuous Service To Amateur Radio

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About the SERA Repeater Journal Magazine

The *Repeater Journal,* voice of SERA is published quarterly, the first of the months of February, May, August and November of each year and mailed free to members of SouthEastern Repeater Association, Inc., an eight state repeater coordinating organization made up of repeater owners and users. Permission is granted for use of material other than repeater indexes contained in the *Repeater Journal* (See important note this page) provided proper credit is given. The *Repeater Journal* Editor will swap newsletters with other Repeater Organizations, News organizations and clubs upon written request. DEADLINES: Ad space reservations are the 20th of the month, and ad copy due the 1st of the next month, one month prior to publication. News deadlines are the first of the month prior to publication month. The *Repeater Journal* is mailed Bulk Rate at the Post Office in Greensboro, NC. The *Repeater Journal* newsstand cover price is $3.00 and is available from numerous retail Amateur Dealers in the southeast. All news and newsletter exchanges should be mailed to the Editor whose address is listed on this page.

About the SouthEastern Repeater Association, Inc.

SERA, SouthEastern Repeater Association, Inc. is the largest, most well known, non-profit Repeater Coordinating Organization in the United States. SERA territory covers over 2,200 repeaters available to over 93,439 Amateurs covering 329,000 square miles from the Southeastern member States of Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, and West Virginia. SERA celebrates its 28th year of service in 1999 with a continuing goal - to serve the repeater owners and users of the Southeast by providing a voice of communications, information and education with the publication of the *Repeater Journal*, and the guidance of our State (Director) Coordinators, officers and volunteers. Support, comments and recommendations are appreciated.

About SERA Associate Membership (Repeater Users)

Amateurs, especially repeater users, are invited to join SERA as Associate Members. Only $8.00 per year will enable Amateurs to support the organization and receive the Repeater Journal. Associate Membership deadlines are the 15th of the month preceding months of publications - (Jan. 15, April 15, July 15, and October 15). Persons joining or renewing their memberships must have their application into the Tobaccoville Post Office Box by those deadlines to receive the next upcoming Repeater Journal, published the first week of February, May, August and November. Memberships received after deadline will not receive next to-be-published Repeater Journal, but instead will receive the forthcoming issue the following quarter. HOT-P Associate Memberships (Repeater Journals mailed 1st Class rate) are limited to one year memberships at $14.25 per year. Regular membership Repeater Journals are mailed Bulk Mail. SERA does not issue receipts for Membership applications, nor are Repeater Journals forwarded to new addresses. If you move, we must be notified. Members should wait until next Repeater Journal comes out to report any problems. Write SERA Associate Membership, P.O. Box 215, Tobaccoville, NC, 27050-0215 for further information. Associate Members may hold appointive offices and positions within the SouthEastern Repeater Association, Inc.

About SERA Full Repeater Membership (Repeater Owners)

Officers and Directors are elected from Repeater representatives who are SERA Full Members. Any repeater owner or club may with a coordinated, operable, repeater, join SERA as a Full Member. Full Membership application, coordination information (if not on file) and $20.00 should be submitted for the annual Full Membership fee. Two Full Members, named and listed on the application by the owner, receive the Repeater Journal from each application. The Full Member repeater is also appropriately recognized as a SERA supporter in the repeater index with a "Smiley Face" (☺) code. All Full Memberships expire on December 31 of each year. Write SERA Membership, P.O. Box 215, Tobaccoville, NC 27050-0215 for further information.

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In the Early Years, there were no Procedures - So they were "Invented"

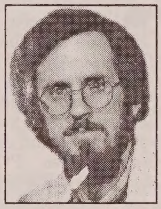
David Ward Turns Loose Some SERA Duties

Repeater Journal Cover Story

There are dozens of "hidden" changes which are going into effect within SERA. By hidden, we mean the public will not be subjected to any changes or interruption of service. The changeovers will be initiated slowly and quietly.

-by Wayne C. Williams, Editor

Everyone in the SERA organization knew more bodies were needed to get the job done, but no one knew quite how it could be split up, and the efficiency maintained.



W. David Ward

Such was the case of a Tiger that David Ward, KA4LVO, the SERA Membership Chairman, Database Operator, Archives Chairman, and overall keeper of information had been holding to the past few years.

The few 3x5 cards of many years ago had grown to unbelievable proportions over the 28 years of SERA operation. The archives alone take over 50 File Cases. The data base is a monster. Data entry almost a full time job. Just checking the Post Office, opening and answering mail - another full time job.

In September, something was finally figured out. In what was dubbed the BNCM, (Big North Carolina Meeting), the SERA Executive Committee, and several other select members of the Board met at the home of the Publications chairman for two days, and reviewed, adjusted, and assigned duties, procedures and capability to several people.

Basically when all was said and done, David Ward can relax a little more and just:

SERA Secretary, Alex Hedrick, N8FWL listens as David Ward, KA4LVO discusses some of the problems involving mountains of data processing as the organization grows.

David Ward goes over some items with SERA President Don Williams at the North Carolina meeting held in September.

1. Maintain the computer hardware and software for the organization.
2. File paperwork and take care of the storage of the SERA archives.
3. Continue the planned job of digitizing the SERA archives file.
4. Maintain the Post Office Box and open the mail, routing to appropriate persons.

David will no longer have any contact with members of the Board, or the general Amateur public. Numerous other people will take that and all the other duties he once agonized over.

In The February issue, we will present an indepth breakdown of the various duties which have been re-assigned.

Meanwhile, members of SERA and the general Amateur public will be unaffected by these changes. The Post Office Box remains the same. The phone to call for help will remain the same.

Two new email addresses have been initiated - < help@sera.org > which anyone can address for assistance in any problems, questions or information. The other is < info@sera.org > This address will result in information about SERA being relayed to the person inquiring in the form of brochures.

A manned toll-free phone (888-593-5527) has been installed to assist people who need to talk to someone in person at SERA for help or information.

The Growth of Data Within our Organization

-As told by David Ward, KA4LVO

I cannot remember exactly when I first heard of CVRA. It seems that I had returned to college at UNC-Greensboro in August, 1979 when my uncle mentioned that he had a job I might help him with. He had just taken on the associate membership responsibilities from Lindsay Cleveland, W4IZI, who had just moved from North Carolina to Illinois. The post office box address was being moved from Burlington to Tate Street in Greensboro, which was on the eastern edge of the UNC-G campus. I began checking the mail for him, then he showed me how to maintain the 3x5 cards that served as the keying document for Lindsay. In those days, we were making a lot of new cards for the newly defined districts of West Virginia and Tennessee..

In September, 1981, I accompanied Larry, WB4VJE, to the Shelby Hamfest and attended my first Board of Directors meeting. The main thing I remember about that meeting was that the group needed a treasurer. Shortly thereafter, Larry had me filling out the expense reports that were sent to Ray Adams, N4BAQ, this new treasurer.

I believe our total inventory of supplies & materials in those days consisted of 3 file drawers of 3x5 cards, some stamps, and a supply of first notices, second notices, envelopes, and cards. Once each quarter, Lindsay would send us a run of labels for those people who expired in the upcoming quarter and another run of labels for people who had not responded to the first notice.

We would apply these labels to the appropriate form, fold them so the address shown through the window, and mail them.

During this time, repeater member-

(Continued on Page 4)

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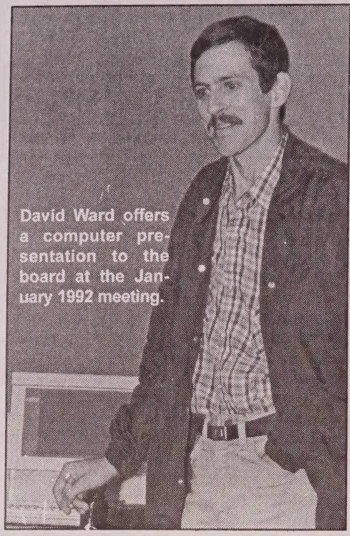
David Ward & SERA Data

(Continued from Page 3)


David Ward offers a computer presentation to the board at the January 1992 meeting.

ship was handled elsewhere. When needed, Lindsay printed the Repeater Journal indexes.

I lived with my grandparents (Larry's parents) during college. That was just a couple blocks from Larry's house. After about a year, I moved the three file drawers to my room at my grandparents. During the summer months, the job still got done. It didn't take much time in those days.

During my college senior year, my parents moved to Greensboro from Spruce Pine, NC so I moved the file drawers (now up to 4) there. Three months after my graduation in 1981, I took a job as assistant registrar in the undergraduate school at Wake Forest University and moved to an apartment out in Forsyth County. Each weekend, I'd take my laundry to my mother, visit awhile, and then go to Tate Street and check the PO Box.

During the latter half of 1982, I had other reasons for going to Greensboro. Sure, I'd still take my laundry to my mother, but I didn't stay as long before going to get the mail. I had met Sharon who lived about a mile from the post office. This routine continued for just over a year until our marriage. But even then, we would return to Greensboro each weekend to go to church, visit the families, and check the mail. (The laundry stayed in Pfafftown.)

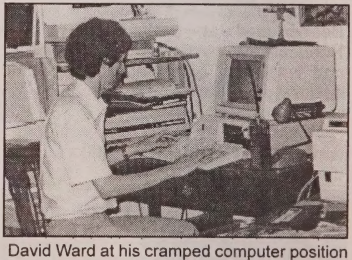
Sharon became involved in CVRA-SERA (as it was called then) before our marriage first with the mail checking, then with watching me update the cards and put together the deposits, and then in attending the summer 1983 board meeting at Shelby. About a year later, she took responsibility of RJ advertising after visiting with Shirley Holiday and learning what was required.

Just before this Summer 1983 board meeting, several job changes occurred. Jim Bartlett, KB4WD and his wife resigned their duties of circulation management. Larry assumed those duties (under the stipulation that he'd get some help from some of the rest of us), and I assumed the role of associate membership chairman. It was about this same time that I received a promotion at Wake Forest and moved into the administrative computer center as a programmer/analyst.

During 1984, Lindsay worked with me to develop some "play toys" on the computer. As I learned what could be done on an HP-3000 system, his mind was working out how "his computer in Georgia could talk to my computer in NC". (This was long before email and the internet.) First thing each morning, I'd check to see what messages I would have from him. Another project that helped me learn more about our mainframe was in receiving a reel-to-reel computer tape from Lindsay and read it on the HP. (We started receiving tapes in 1983 to serve as an off-site backup.) It wasn't long before I had the data in a readable fashion on the HP-3000 as a remote backup to his totally different system in Georgia.

Keep in mind that personal computers then were Commodore 64s and VIC-20s and the Radio Shack TRS-80 Model 1. An IBM PC sold for over $6,000.

The language of choice on the HP-3000 mainframe was COBOL. In this environment, you could lay out data structures and easily link similar fields across files. PC-based software was expensive and extremely limited in how the data could be linked. The leading product at this time was dBase, and many business applications used it, but I did not have the opportunity to use it. We used Microsoft COBOL on Wang PCs to develop various departmental applications at Wake Forest. Programs could be developed on the HP-3000 mainframe and easily moved to the PC. After getting usable data onto the HP-3000 mainframe, I began writing COBOL applications to load data structures. I then wrote other maintenance and reporting programs to emulate the processes and reports that Lindsay was creating and distributing from his systems. All changes on membership data were logged. (Lindsay and I may discussed long-range plans for CVRA-SERA during the November, 1983 visit that Sharon and I made to Atlanta as a part of our honeymoon trip, but other memories have survived the years that have passed.)


David Ward at his cramped computer position in the early and mid '80s. Note the curved small monitor. He spent countless hours here converting and refining the SERA database.

(Originally developed in Microsoft

(Continued on Page 7)

ON THE COVER

The main cover photo this issue features David Ward, KA4LVO sitting with SERA President Don Williams, W4VT as they discuss data and the future in SERA.

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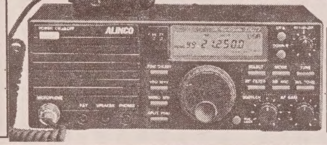

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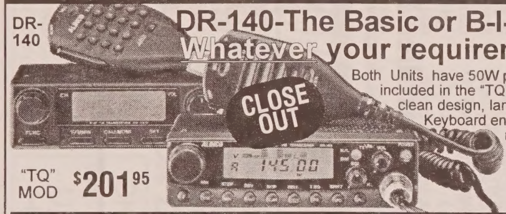

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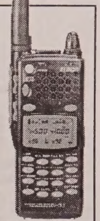

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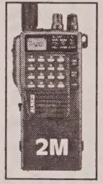

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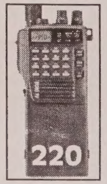

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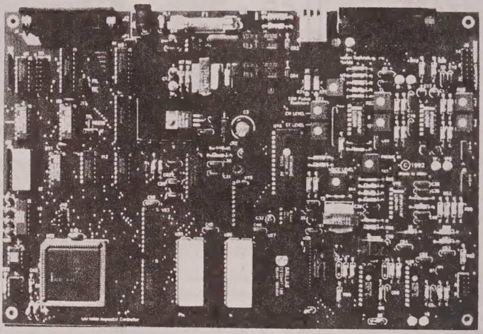

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David Ward & SERA Data

(Continued from Page 4)

COBOL, 1983, converted to RM/COBOL in 1987, converted to ACU-COBOL in 1992.)

Late in 1984, a bylaw change was proposed that would add several new members to the voting board of directors. At the January 1985 meeting, this proposal was passed and I as associate membership chairman became a part of the Board. At this meeting, I introduced the "HOT-P Associate Membership", where an extra few dollars were added to cover the cost of first class postage. I also introduced the new SERA window decal.

The January, 1985 meeting in Kingsport, TN marked another turning point in the processes followed by the organization and by me. Lindsay was unable to make the meeting, so upon my return home, I called him to give him an update. During that conversation, we jointly set forth a plan for me to assume data processing responsibilities.

In February, 1985, I started writing a column for the RJ called "Looking back". Wayne needed writers, so I took a nostalgic look at the Repeater Journal of 10 years earlier and wrote about what I saw.

Other Memorable Events!

May, 1985 - The RJ Indexes were printed on a daisywheel printer at the office as an experiment. This printer was used for 5 issues until a laser printer took its place.

October, 1985 - I suggested to Wayne that we omit the February Honor Roll of Repeaters due to the amount of space it required in that issue. This "honor" would be replaced with an asterisk in the RJ index and would appear all year long. He liked the idea. (The asterisk took on several forms and meanings throughout the years and we now see the smiley faces in the index.)

Fall, 1985 - I bought my first used IBM-PC, complete with a 20MB hard drive, monochrome monitor and a tape backup. In just a couple days, everything I had been storing and running on the HP-3000 at work was now on PC.

The January, 1986 board meeting could be viewed as the turning point in how I viewed the repeater data. Angelo Ditty of the FCC office in Atlanta spoke at the meeting. From this meeting, a concentrated effort was made to begin storing more data than just what was required for the index. Coordination related data was added to the files. The point he made was that the FCC could not back us and our actions unless our paperwork was in order. We had to preserve a trail of our actions, the consequences, steps taken to mediate complaints, examine the CP&G for loopholes and close them, and then follow the CP&G. We created and sent out a form to collect basic coordination information, the SERA Form 01. A statement in the August 1986 editorial mentions this new "important function of documentation" and the costs of it.

I really believe that it was this meeting and the one a year later that made me start paying such close attention to details. Since then, I have proposed (and later enforced) a number of actions that could be viewed as the consequences of not following the CP&G. The role of policing the organization and enforcing the CP&G and the bylaws has often made relations somewhat strained at times by people both inside and outside SERA and myself. However, I do believe that SERA is a stronger organization than it could have been because we then and now use our policies to treat everyone fairly.

March, 1986 - I left Wake Forest University and took a job running the programming side of a consulting company in Winston-Salem. Also this month, Larry "retired" from circulation of the RJ and we assumed the responsibility of getting it done each quarter.

August, 1986 - PO Box moved from Greensboro to Winston-Salem. The August RJ indexes used a new (but very cryptic) typesetting software package. Once again, I printed the indexes on a printer we had at the office (this time a laser printer), but the limits of the printer resulted in segments about 4 inches long. This left the editor to do a lot of cutting, pasting and grumbling.

With the growing organization, the need for more data to be maintained and reported to coordinators, we were experiencing a bottleneck in our printing abilities. The Board approved of the purchase of a "high speed" laser printer (an HP Laserjet I) for these needs.

September, 1986 - The data entry programs were rewritten to move away from a "question, answer" appearance to a "screen" look. Though it was still text based, the program allowed more data to be seen on the screen at one time.

March, 1987 - Repeaters were assigned unique identification numbers in our database. The quick lookup keys, known as QKEYs, became an integral part of the data structures, as well as a continuing part of the vocabulary of the SERA coordinator. Also, a new 1.2GHz band appeared and the frequency fields in the database had to be expanded by a character.

August, 1987 - I went to the Board meeting with a list of proposals. First, I proposed an "official" location for the storage of old SERA records, or more appropriately named, the Archives. Secondly, I proposed that the positions of full membership and associate membership be combined into the single job responsibility of Membership Chairman.

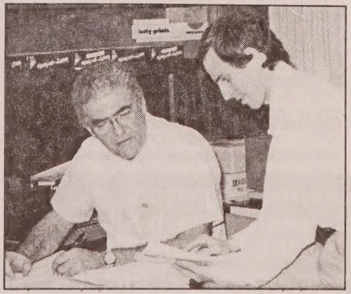
In discussion, the first & second items were combined into the title "Membership/Records Manager." Thirdly, I proposed that CVRA be officially dropped from the organization's name we've been known as South-Eastern Repeater Association, Inc. ever since. The fourth proposal was that SERA purchase its first computer system and it be placed at the home of the editor. It's intended purpose would be to enter the enormous amounts of data needed to build up the repeater database. Periodically, the master database (on my person computer) would be updated with the newly entered data.

November, 1987 - I left the employment of the consulting firm and went out on my own. This period of self-employment was to last for more than 9 years before getting tired of the travel and being pulled in so many different occupational directions.

December, 1987 - Data was first sent electronically to the ARRL for their Repeater Directory.

All of 1988 - Lots of effort was put

(Continued on Page 9)



David consults with Repeater Journal editor, Wayne Williams in the mid '80s. At this time, David was writing columns for the Journal

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David Ward & SERA Data

(Continued from Page 7)

into building the SERA Computer Repeater Database for all 7 states. Several states had joined recently and very little data was present for these new repeaters. Additionally, several years of paper files were used to fill in the missing blanks.

December, 1988 - Ending the year-long repeater database project, the printing of the yearly repeater datasheet began. This basically was a dump of the data stored in our database for the repeater. Prior to this, a repeater owner had to fill out a new form every year. By attempting to make it easier for them to review the data, we hoped to increase repeater memberships. It worked.

September, 1989 - Moved PO Box to Tobaccoville.

November, 1989 - Bethany was born.

January, 1990 - Bethany attended her first Board meeting. She slept through most of it.

February, 1990 - The database maintenance program were modified software was adapted to allow update or display only access. This was an important step in assuring data integrity.

March, 1990 - A dial-up system for coordinators to retrieve data from was put on-line. This ran the Wildcat BBS system and was basically a method to facilitate file transfers. It wasn't widely used due to the slow baud rates of this time.

May, 1990 - The new WYSIWYG typesetting program (PublishIt!) was used to create the RJ indexes and some ads for this issue. This DOS-based program was used for several years for the production (or partial production) of many SERA documents. An article in the May RJ states "I'll have to admit. . David has kind of made a believer out of me and this desktop publishing".

June, 1990 - Additional data needs on the repeater side of data entry were noted. Major changes to the data structures were made to the SERA database.

Summer, 1992 - Barcoding appeared on SERA datasheets and renewal notices to speed up the routine data processing. It proved to work well and is still being used today.

Sometime in 1992 - The SERA database software system (in COBOL) was released to coordinators to use in their course of duties.

November, 1992 - The Greensboro Amateur Society began assisting me with the RJ labeling, bundling, and mailing.

June, 1993 - I requested some money from the budget to pay for some part-time clerical help. With the increased efforts of the past few years, the audit trail had expanded greatly and needed organized. The board granted funds for this purpose. Also, I brought up the topic of how we planned to handle the coordination status where unapproved, significant changes were being marked on datasheets. After the Board's input, a procedure was determined. (A few years later, even more reinforcement of the Coordination Policy and Guidelines occurred with the adoption of the "Unknown list.")

It was not unusual for David to bring the whole SERA system to the Board meetings, to show the Board just what was going on in the early days of PCs. When the PC novelty wore off, he started showing the value of a labtop and the power it had with the SERA software resources. David and Sharons daughter, Bethany was a fixture at the Board meetings watching things for daddy.

January, 1994 - Embedded typesetting commands in the RJ index file creation to allow for a "seamless" import of text into the typesetting program. The Board approved the "renewal" of funds for clerical help. They also approved the upgrading of the membership computer.

February, 1994 - Created logic to export SERA data in MACC file formats. This permitted SERA to make use of a frequency coordination program written by MACCs Tom Hammond.

June, 1994 - Seeing the need for SERA to become more self-sufficient in terms of tools to produce the RJ, I co-presented a proposal to get a computer system for the Editor. This computer needed to be suited for typesetting and graphics. The Board approved.

August, 1994 - Quark Express was adapted as our standard for typesetting and the production of SERA publications. The computer system for publications approved in June was installed.

Fall, 1994 - We built a repeater net database from data requested during the annual datasheet mailing. The listing first appeared in the February, 1995 RJ.

(Continued on Page 10)

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David Ward & SERA Data

(Continued from Page 9)

January, 1995 - Two regular part-time "employees" began routine filing and data processing functions. This allowed me to give thought about the future of SERA and its ongoing, ever growing need for data. With the increased use of part-time data entry people, the software systems were coded to allow each person a different level of access to different type of data. This allowed one person to enter repeater changes and another to enter membership changes. Neither could accuse the other of changing the other's data. This helped establish responsibilities that could be used in writing a job description.

February, 1995 - Began experimenting with HTML language and the creation of a SERA web page. A statement in the Feb '95 RJ editorial reads "We got the entire Repeater Journal on Quark Express, our new desktop program this issue."

June, 1995 - The SERA 2000 Initiative Project was proposed at the Board of Directors meeting.

August, 1995 - As the SERA dialup machine had not been accessed for at least a year, I pulled it from online service.

September, 1995 - Due to the changing needs of coordinators and of new technologies, another major data restructure occurred in the repeater database. One of the changes was the field size increase of the qkey from 4 to 5 digits. This allowed us to import data from surrounding non-SERA states in a numerical range clearly outside the range used for SERA repeaters. There have been a few minor changes to the repeater database structure since then, but today's system has much the same layout as this 9/95 revision.

November, 1995 - Added field to store email addresses. Email was quickly becoming a viable tool to use in conducting SERA business.

January, 1996 - Worked with RJ editor to create the first annual SERA Sourcebook. The project did not receive enough support to have a second issue.

February, 1996 - A SERA web site concept was approved by the Board and would be designed and maintained by Jeff Martin. FTP services among the SERA coordinators was made available. Also, I received the Director's Award at the Board of Director's meeting.

May, 1996 - The first group put together to facilitate the SERA 2000 project met in Tobaccoville. They viewed the floor to ceiling archives shelving and audited the retrieval abilities of the archives system. We had a system demo of the COBAL-based database system, specifically answering questions raised by the Board and the SERA 2000 committee. We developed standards for a flat file format of repeater date, extracted from the COBAL indexed files that could be used to create parallel data systems in a non-COBAL environment.

August, 1996 - RJ mailing was turned over to a professional mailing service. This had to be done as the volume, weight, and time requirements were greater than I could handle since I planned returning to the corporate world.

In (late 1996?), the central computer's software was updated to allow total remote usage in a Windows environment and returned to on-line service. I first connected our office person in Archdale (NC) with it so that she could process routine associate membership renewals and enter new members. Early the next year, I got the RJ editor connected so he could practice pulling the RJ indexes. After some connectivity issues were resolved, I added a second person to the remote data entry activities responsible for repeater data. By late 1997, the processes had proven effective. It was now time to concentrate on getting the mounds of paper archives stored in a more practical manner that would be useful to SERA's coordinators and officials.

January, 1997 - Joined the Champion Products division of Sara Lee Corporation as a programmer/analyst.

Early 1997 - As more of our coordinators were capable of working with the raw data from the database, data structures were modified to store four digit years to prepare for the year 2000.

April 1998 - Transferred to another part of Sara Lee Corporation which is now known as Sara Lee Information Technology Services, EDI Group.

May 1998 - The second meeting of the SERA 2000 project met and audited the progress to date. This trip included a visit to the editor's home, where a demo was done from the remote side's perspective. During this meeting, additional thoughts were tossed around about the feasibility to totally get off the COBOL system (as had been suggested in the early stages of the project). As a result of this meeting, the "push" to get off COBOL was removed as a goal through successful demos. By this time, a process had been put in place to create standard data download files automatically each morning at 5:00am. The file would occasionally be sent to the coordinators.

September, 1998 - The datasheet generation was converted from a COBOL program to use Microsoft Word and Access.

January, 1999 - Approval was granted by the Board for equipment to digitize the SERA archives to CD-ROM. The project was expected to take at least 2 years.

All printed materials in the 2000 datasheet mailing were created using GUI-based software. Also, attended the last in a series of SERA 2000 Initiative meetings where responsibilities were reassigned/redefined.

Updates and historical information provided to the Journal by David Ward for this story.

(Continued on Page 12)

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1/2-Page (V) 3-1/2x10"	$88.00
1/3-Page (V) 2-1/4x10"	$65.00
1/3-Page (H) 4-3/4x5"	$65.00
1/4-Page (V) 3-1/2x4-7/8"	$52.00
1/4-Page (H) 4-3/4x3-3/4"	$52.00
1/4-Page (H) 7-1/4x2-1/2"	$52.00
1/6-Page (V) 2-1/4x4-7/8"	$36.00
1/6-Page (H) 4-3/4x2-1/2"	$36.00
1/6-Page (H) 3-1/2x3"	$36.00
1/12-Page (V) 2-1/4x2-1/2"	$20.00
Reptr. Page Panel 1x10" (4 Issue Contr)	$50.00
Club/Repr Cards (4 Issue Contr)	$30.00
Classified (30 Words Max.)	$5.00
SPOT COLOR (each ad/page)	$50.00
SPOT COLOR (Dbl 2-pgs side-by-side)	$50.00

2nd Color usually bright Red with/black

INVOICING AD INSERTION ORDERS

DEALERS: With a volunteer staff we do not send out and receive advertising contracts and notices. Quarterly dealer invoices, after insertion, will request information pertaining to future insertions. If no instructions on the paid returned invoice copy are received, the ad will be repeated and invoiced the upcoming quarter.

HAMFEST: Advertising must be ordered each edition for insertion. Payment must accompany insertion order/advertising copy for Hamfest ads.

ADVERTISING PAYMENT POLICY

Advertising invoices are due upon receipt. Unpaid invoices will require us to withhold publication of any additional ads until account is paid in full. All first-time advertisers, Hamfest advertising and Business Card Advertising is to be paid in advance - check with order.

SPECIFICATIONS & GENERAL

Advertising sizes listed above are width by length in that order. Ads received that do not fit dimensions will be adjusted to the nearest ad size and be billed $8.00 production fee. The ad will be billed at the size rate it had to be adjusted to.

Prices quoted are for exact size, camera-ready positive photoprint, pasteup or Laser print ad copy.

Full color ads for covers require negatives, right-reading emulsion down, sized for full 8-1/2x11 bleed. 150-Line screens preferred. Color Match Proof, Color Key or Pre-printed tearsheet should accompany negatives.

Design, typesetting, layout or pasteup is available at no charge for advertising to be run in the Repeater Journal. When possible, advertisers requiring typesetting or composition by the Repeater Journal staff will receive a proof with time for telephone or email corrections. No proofs are available for ads with typesetting submitted after deadline, due to staff and time limitations.

The Repeater Journal cannot be held liable or responsible for errors in advertising, or to the quality or accuracy of advertising claims.

ADVERTISING DEADLINES

All advertising copy and insertion orders should be sent to the Journal Advertising Department:

REPEATER JOURNAL ADVERTISING
600 LAKEDALE ROAD
COLFAX, NC 27235
Phone or Fax (336) 993-5527 (10-10 M-F)
Toll Free: 1-888-593-5527 (10-10 M-F)
email: k4mob@sera.org

Ad copy deadlines are the 1st of the month, prior to month of publication. New ad insertion order deadline is 10 days prior to copy deadline.

The Repeater Journal cannot guarantee publication of any advertising that arrives after deadline unless prior arrangements are made with the Repeater Journal Advertising Department.

AD & COPY DEADLINE DATES

FEBRUARY ISSUE - January 4,
MAY ISSUE - April 1,
AUGUST ISSUE - July 1,
NOVEMBER ISSUE - October 1.

VIRGINIA BEACH HAMFEST

To all of you who traveled so far to attend our show on September 18th and 19th, we thank you. Much work goes into producing an event, the size of ours, and your attendance makes it all worth the effort. The aftermath of Hurricane Floyd made if difficult to travel, but many of you made the trip regardless. Your patronage is greatly appreciated.

Again,

THANK YOU!

THE PROPOSED DATE FOR NEXT YEAR

OCT 7 & 8, 2000

Charlotte Hamfest and Computerfair

Mark Your Calendar

- **Over 160 commercial exhibit booths**
- **All major manufacturers represented**
- **Over 500 swapfest tables (pre-registration only)**
- **104,000 sq. ft. of indoor exhibit space**
- **Convenient parking for 3,500 cars**
- **ARRL Sanctioned Hamfest**
- **Walk-in VEC Testing Saturday by WCARS-VEC**
- **Great Forums both days**
- **Ladies Activities**
- **Fabulous prizes**

March 11 & 12, 2000
Charlotte Merchandise Mart
2500 E. Independence Blvd.
Charlotte, NC Liberty Hall

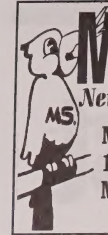
FOR PRE-REGISTRATION AND SWAPFEST TABLES, CONTACT:

CHARLOTTE HAMFEST
P. O. BOX 221136
CHARLOTTE, NC 28222-1136
(704) 948-7373
fleamarket@w4bfb.org

FOR DEALER INFORMATION, CONTACT:

Tom Hunt, KA3VVJ
(704) 948-7373
dealers@w4bfb.org

CHECK OUR WEBSITE
www.w4bfb.org
For the latest information



Mississippi

News from the State

Mark Simmons, KD5EDV
129 Greenbriar Drive
Madison, MS 39110
kd5edv@sera.org

Last issue we covered a story about malicious repeater interference in the Jackson area. About the time we went to press, the interference abruptly stopped. The name the jammer reportedly had used on the air to identify himself was also the same name as an individual who was arrested for arson. I seem to recall the interference stopped the day he was arrested. An important lesson from this unpleasant experience is to be prepared to document and report abusive interference. Don't try to resolve it by yourself as you might be dealing with a dangerous person. The FCC has been tougher than ever on violators and it's postioning itself to get tougher.

On Friday, September 3, the JARC digipeater located at Memorial Stadium was upgraded with a Kantronics KPC-3 Plus TNC and tuned to 144.390 Mhz. Doing so made it the first digipeater in Mississippi to participate in the nationwide Automatic Position Reporting System (APRS). You can learn more about this by visiting the JARC web site at HYPERLINK http://www.jxnarc.org www.jxnarc.org.

* * * * *

Last year's Section Emergency Test occurred right before Hurricane George; it helped to remind us that there is a serious side to our hobby. For this year's SET our ARRL Section Manager Malcolm Keown had this to say, "Mississippi held its second SET in recent history on September 18. By any measure it was a success. Over 300 hams worked together to answer 48 of 50 requests for information from state emergency management agencies. One of the major objectives of this SET was to link up the HF and VHF nets. This was successful in that of the 48 successful responses, 15 came all or part of the way through a VHF link.

* * * * *

In addition to the statewide activity, a number of Emergency Coordinators and Net Managers conducted local ARES exercises in parallel with the SET. And to make things even more interesting several of the local emergency management agencies conducted exercises in parallel with the local ARES exercises. At this point exercises were known to have been conducted in Bolivar, Hancock, Jackson, Lauderdale, Union, and Warren Counties. There were probably more, but a lot of reports have yet to come in. (Exercises are planned for later in the Fall for Lee and Hinds/Rankin/Madison counties.)

Good things are in the works for emergency communications preparedness in Mississippi. Meridian and Jackson now have a 2 meter link in operation. Jackson County is working on linking into PBRA. Now if we could link Greenville/Greenwood into Vicksburg and the Northeast Mississippi SKYWARN into Central Mississippi via a repeater in the Starkville or Ackerman areas, we would be in great shape. Keep working de W5XX "Thanks Malcolm for the story.

* * * * *

I'm proud to say that I have finally made it to General Class. Four weeks after I took the test, the ULS database finally showed that I have General Privileges. My constant checking of this new online FCC site has taught me a thing or two about the site and the upgrade process. First of all, if you have just passed a test and received an upgrade, wait at least a week before you even check the ULS. I couldn't wait to drop the /AG when operating HF, but several operators went out of their way to encourage and welcome me. So don't feel like the new kid on the block that no one wants to talk to.

* * * * *

With all the discussion about the new license structure, there has never been a better time for Technician class operators to upgrade to Technician Plus. They are bound to have General privileges soon. If you are serious about getting the most out of your hobby, plan to upgrade. Set reasonable goals to move up in increments of privilege. Everyone that I know is reasonably good with code or theory, but I can't think of many that are good at both. Test often. When you can , test at a VE test session some where new. You get to meet more of your fellow enthusiasts. My favorite test location is Philadelphia, everyone there has a good time including those like me who don't always pass, I've failed there often. So don't worry about passing every test. No one is going to think less of you. If it were too easy, it might not be any fun!

* * * * *

If you don't have an HF rig, shop around for used equipment. If you like voice operation and FM repeaters but not sure about SSB, check out KP4IA on 10 meters. It's in Puerto Rico. Buy your equipment a year before you think will need it and listen in. It's a great way to learn the band plans and contact procedures. Everyone seems to want 6 meters and plain 100 Watt Solid State HF rigs with lots of bells and whistles, like FM, are selling used for well under $500. Until next time 73s . . .

David Ward & SERA Data

(Continued from Page 10)

Some Welcome Changes I Saw

Journal mailing

The typical duties of handling RJ circulation required picking up the books from the printer, unloading them, labeling them, bundling them, sacking them, reloading them into the vehicle, driving to the post office, throwing the sacks up on the dock, and paying the postage. The Journals were picked up either in Greensboro or Kernersville and sometimes taken back to Tobaccoville to be labeled with the assistance of members from the Forsyth Amateur Radio Club. More often though, they were done in Greensboro with the assistance of family and friends. Printing the labels would take a couple hours, but the rest would require about two full days.

February, 1993, the NC Greensboro Amateur Society began assisting me with the Journal mailing task. They would always arrange a meeting place and get a crew together, often consisting of more than 15 people. A large crew could knock the job out in a couple hours. Some of the club members brought cakes, cookies, brownies, and coffee. This made the task more enjoyable.

Later, going to a mailing service was not caused by the lack of commitment of the Greensboro Amateur Society crew, but rather by a change in the postal regulations. New rules went into effect that required us to have our mailing list CASS-coded before mailing. A company in Greensboro determined a cost estimate for doing the entire job that was almost offset with postage savings they could provide, and it was hard to resist. The icing on the cake was when I realized I only had to handle the 1200+ pounds of Journals only once!

The circulation job does carry with it some memories.

Bethany grew up around us doing the Journal mailing each quarter. About a year after the mailing service started doing it, she told us that she missed it and wanted us to start doing it again. She later admitted that what she missed was climbing the mountain of mail sacks after labeling. It goes without saying I don't miss the building of the mountain, just the brownies and coffee.

Beginning with the late 1998_issues, MarketTeam Data, a mailing service in Winston-Salem, took over the Journal mailing task. This relationship has worked well, as my only involvement has been in the building of the mailing data file and emailing it to them. The RJ Editor takes care of getting the books from the printer to the mailing service. I still label the HOTP envelopes and Sharon and Bethany apply the postage, but Wayne sees to it that they are stuffed and mailed. The only task left of us is the making of the postage deposit.

Beginning with the November, 1999 issue, the RJ editor will be pulling the mailing service data from the central computer (via modem) and seeing that it is emailed to them.

Data distributions.

When I came on the scene, coordinators worked from printed lists. Around 1987, they had the ability to look up data using custom software that would run on the PC platform. By 1990, they had a crude form of flat data files that they could search with a text editor, but only the experienced computer users did much with them. Diskettes of the data were created and sent to the coordinators about every three months. By 1996, data was no longer being transferred via diskette, but instead by FTP or email attachments. However, many coordinators did not fully make use of the FTP site until a training session was put together by Frank Lynch, NC Vice-Director and offered at a Board of Directors meeting. He also demonstrated how to use this data with the Microsoft family of products. He was quickly falling into a much needed role of a resource person for SERA coordinators to call on while doing their jobs.

Full Membership Ends Year on a Very Good Note

SERA Full Membership, which is for Repeater owners and sponsors ended another great year.

We finished with 1,299 member repeaters which was an awesome 58.7% of all the repeaters in the SERA 8-states, or a total of 2,212. Full Repeater Membership is offered as a choice of repeater owners. It is NOT required for SERA services, but a chance for the repeater owner to show support for their coordination organization through their membership contribution.

Leading all states with full member repeaters is North Carolina with 278 out of 444, followed by Georgia with 235 out of 386, then Tennessee with 206 out of 410 machines.

Scoring the highest percentage rate of members was South Carolina with 68.9%, followed by Virginia with 68.4% and Kentucky with 63.2%. North Carolina had 62.6%.

The biggest growth State for the eight last quarter was North Carolina, where an amazing 22 new machines were coordinated and listed.

There are presently two states in SERA territory with more than 400 repeaters. They are North Carolina with 444, and Tennessee with 410.

440 Is Catching 2M Machines

Another interest phenomenon was brought to our attention. Total numbers of 70cm machines are catching 2M machines in some states. This is something we never dreamed would happen since 2M got such a head start - but it is.

North Carolina has 177 2M machines, but an amazing 171 70cm machines. Likewise for Georgia, which has 159 2M machines, they also have 151 70cm machines. There is a distinct chance that 70cm machines will outnumber 2M machines in North Carolina, and maybe Georgia by mid-year next year.

Others worth mentioning would be Tennessee with 175 2M and 157 70cm, and Virginia with 156 2M and 126 70cm.

Support Us - We'll work hard!

Voluntary support of SERA is what keeps us going. Our operating funds, and subsidies to the Repeater Journal are derived from membership fees. The great support of our Repeater owners in SERA over the past years has allowed us to grow, but mainly to improve our programs, our coordination effort, and train our people. Without that support, we would be hard pressed to even get a good Journal out to our members. If you are a repeater owner, or sponsor, and haven't, why not fill out the Full Membership application located elsewhere in this issue, and send it in with your membership fee.

SERA Full Repeater Membership Report

Full Membership - By State - By Year - From 1991 - 1999									4th QUARTER '99 REPORT			
SERA STATE	TTL '91	TTL '92	TTL '93	TTL '94	TTL '95	TTL '96	TTL '97	TTL '98	TTL 1999	TTL Mbr. %	TOTAL RPTRS	SERA STATE
GA	142	173	195	208	236	217	260	232	235	60.9%	386	GA
KY	66	70	80	86	122	129	140	154	165	63.2%	261	KY
MS	38	36	50	60	75	73	60	59	62	39.7%	156	MS
NC	189	220	243	265	274	295	283	288	278	62.6%	444	NC
SC	53	60	68	68	83	81	84	79	91	68.9%	132	SC
TN	155	179	188	182	202	193	227	221	206	50.2%	410	TN
VA(1)	127	136	157	173	178	162	181	189	182	68.4%	266	VA
WV(2)	67	70	62	70	82	84	90	95	80	47.9%	157	WV
TTLS	837	944	1043	1112	1252	1241	1325	1317	1299	58.7%	2212	ALL

(1) Total Virginia list does not include 100 or more listings in T-MARC Territory, (North of Highway 33 and Latitude 38-degrees North), and
(2) 10 or more listings in the West Virginia Panhandle area in T-MARC Territory.

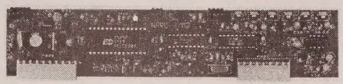
Out-of SERA Full Members - 20

"Unknown" repeater listings are not counted in State repeater totals.

Updated 10-12-99

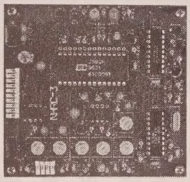
NHRC
REPEATER CONTROLLERS

NHRC-3/M2 Repeater Controller
An Integrated Repeater Controller for GE MASTR II Mobile Radios with Real Stored Speech



(actual size 1 5/8" x 8")

NHRC-3 Repeater Controller
Repeater Controller with Real Stored Speech



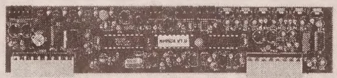
(actual size 3 1/2" x 3 3/4")

NHRC-3/M2 plugs directly inside a GE MASTR II Mobile Radio
Duplex / Simplex or Link Controller
90 Seconds of Real Voice in 4 Messages
DTMF Remote Control and Programming
LED CAS, PTT and DTMF Indicators
Interface for CommSpec TS-64 CTCSS board
Programmable Hang, ID and Timeout Timers
Very Low Power Consumption
Version Available without Speech

NHRC-3/M2 Assembled and Tested $169 + $6 S&H

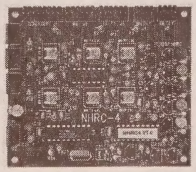
NHRC-3 Assembled and Tested $169 + $6 S&H

NHRC-4/M2 Repeater Controller
An Integrated Repeater Controller for GE MASTR II Mobile/Base Radios with Secondary Linking Port



(actual size 1 1/2" x 7 3/8")

NHRC-4 Repeater Controller
Duplex Controller with Secondary Linking Port



(actual size 3 1/4" x 3 3/4")

NHRC-4/M2 plugs dirctly inside a GE MASTR II Mobile or Base Radio
Secondary Port Configurable for Remote Base, Link Radio or Slaved Duplex Repeater
DTMF Remote Control and Programming
LED CAS, PTT and DTMF Indicators
Interface for NHRC-DAD Digital Delay board
Programmable Hang, ID and Timeout Timers
Transmitter Fan Control Output
Distinctive Courtesy Tones for each port

NHRC-4/M2 Assembled and Tested $189 + $6 S&H

NHRC-4 Assembled and Tested $159 + $6 S&H

NHRC-4 Partial Kit $39 + $6 S&H

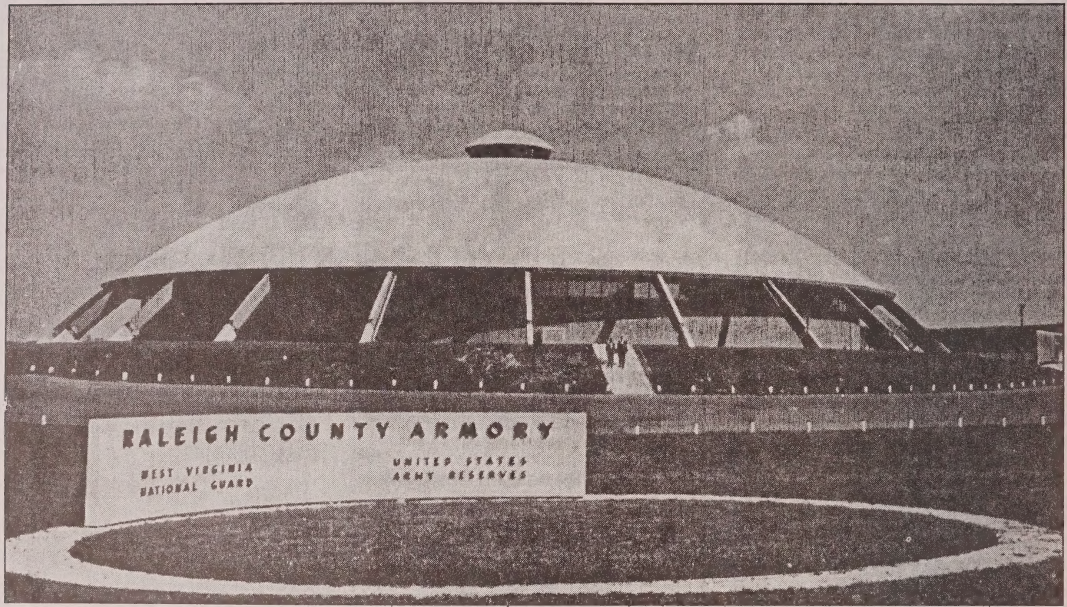
For orders / information contact:
NHRC Repeater Controllers • 444 Micol Rd. • Pembroke, NH 03275
email: info@nhrc.net • phone: 603-485-2248

visit our web site at http://www.nhrc.net

HAMFEST 2000

22nd Annual Plateau Hamfest

(formerly the Fayetteville Hamfest)



Raleigh County Armory, Beckley, West Virginia

SATURDAY, MARCH 25, 2000

9:00 AM - 3:00 PM

The **Fayetteville Hamfest** has heard the suggestions of the **Amateur Community** and has made a change! We have moved the **Fayetteville Hamfest** from the Fayetteville High School, Fayetteville, West Virginia to the **Raleigh County Armory** in Beckley, West Virginia. We are starting the ***new millenium*** with a new site that will be **Larger**, have **Better Parking**, **Handicap Accessible** and overnight **Camping** available with full hookups. We have also changed the Hamfest to a **Saturday** event. **We have heard and we have listened!** The **22nd Annual Plateau Hamfest** will start the year 2000 with a ***new commitment*** to the **Amateur Community!**

The Plateau Hamfest is sponsored by the Plateau Amateur Radio Association, Inc. and the Black Diamond Amateur Radio Club.

For more info check out our website at http://members.spree.com/sip1/plateau
Email: plateau_amateur@usa.net

99/08/09
kc8con

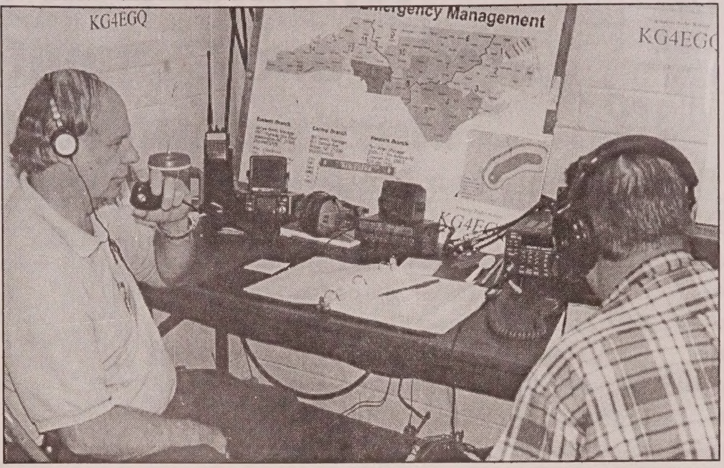
North Carolina Hams Respond to Hurricanes Dennis & Floyd

-by Gary Pearce KN4AQ, ARRL NC Section PIC

Hurricanes Dennis & Floyd created havoc on the east coast in September. There are many stories to tell involving ham radio and their emergeny assistance. Here is but one of them.

Hurricanes Dennis and Floyd landed a One-Two punch on North Carolina in late August and mid-September, often leaving ham radio as the only means of communications to beleaguered counties. Dennis became known as "the hurricanes that wouldn't leave," as it dithered for days in the Atlantic, pounding the state's Outer Banks islands, before reversing course and finally making landfall, tracking across eastern North Carolina as a tropical storm.

Two weeks later, Floyd crossed the Atlantic as a huge, ferocious storm that threatened tremendous devastation. Although Floyd weakened considerably before making landfall and veered east of the course that would have taken it through the state's capital in Raleigh, its heavy rains left behind record flooding across the eastern third of the state.



Amateur Emergency Operations at the Logistic Staging Area (LSA) in Kinston, NC. Bernie Nobles, WA4MOK, Assistant SEC for North Carolina is working VHF and UHF radios. On the right, Ron Knapp, W9EF, District EC of Area 3, works HF. Amatuer Communications provided a vital service for the eastern part of North Carolina.

As Dennis approached during the last week of August, amateurs began activating stations at county EOCs, the State EOC in Raleigh, and at the Logistics Staging Area (LSA) in Kinston. The LSA was to be the hub of the states emergency response activity. W9EF, WA4MOK, WD4JPQ, and KD4MTT put together a station with multiple HF and VHF radios. They were able to communicate through regional repeaters, the Tarheel Net (NC's ARES net, on 3923 kHz), and the Hurricane Watch Net on 14.325 MHz.

Meanwhile, KF4RDP and KF4JKQ began lining up operators to man the state EOC in Raleigh for 24 hours a day duty.

(Continued on Page 17)

One of the first shows of 2000 in the Area - An ARRL Sanctioned

ELKIN WINTER HAMFEST

SUNDAY FEB. 20, 2000

Sponsored by the Briarpatch ARC of Galax, VA, and the Foothills ARC of Wilkes County, NC

AT THE NATIONAL GUARD ARMORY IN ELKIN, NC

☐ **SAME OUTSTANDING DEALERS**
☐ **INSIDE & OUTSIDE FLEAMARKET**
☐ **VE EXAMS** ☐ **MAJOR DOOR PRIZES**

For Table Info and Reservations Contact:

Jimmy Holbrook, KB4GKI, 339 Mae Cockerham Rd., Ronda, NC 28670
(336) 957-3820 after 5:00 PM - Fax: 8 AM to 5 PM - email: kb4gki@aol.com
WEB: A HREF="http://members.aol.com/kb4gki/kb4gki.html">KB4GKI

3rd Annual

Catawba Valley Hamfest and Computer Fair

Morganton, North Carolina

Burke County Fair Grounds; Saturday - April 15th, 2000; 8AM - 4PM

Dealers

- 35,000 Square Feet of Covered Dealer space.
- High Visibility Outside spaces available. CALL!
- 5+ Acres of Fenced Flea Market Area.
- Gates open to dealers on Friday for setup.
- Security will be on the grounds all night Friday.
- Free Dealer / Worker Cookout on Friday Evening.
- Less than 5 miles from I-40 Exit 100 (Eastbound) and Exit 105 (Westbound). Three hours from Raleigh, one and a quarter hours from Charlotte, and one hour from Asheville.
- Hotel accommodations nearby.
- 30 Camper Water/Sewer hookups (Some with power).
- Hot showers and restrooms available for dealers.

Guests

- WCARS VE Testing at 9:00 AM.
- Free Parking.
- Tailgating space inside fenced Flea Market Area is free with admission ticket(s). Space is first come first served.
- Breakfast and Lunch (Ruritans of Burke County).
- Drawings all day with one early registration drawing.

Sponsored by: Avery, Burke, Caldwell, McDowell, Mitchell and Yancey County Amateurs; and the Morganton Recreation Department

8'x10' Space (with table)

$10.00

Sign up now for the best spots. Space payments are not due until March 15, 2000.

Outside Flea Market Space

Free **with admission ticket.**

Admission Tickets

$4.00 ***Early Registration***

and

$5.00 ***At the Gate***

Dealer Reservations:
Larry Withrow (AF4HX)
Dealer Coordinator
Voice: (828) 738-8529
Email: af4hx@worldnet.att.net

General Information:
Tom Taylor (KC4QPR)
Hamfest President
Voice: (828) 433-6205
Email: kc4qpr@vistatech.net

Remit to: CV Hamfest; PO Box 8003; Morganton, NC 28680-8003

Name/Callsign ____________________________________.
Telephone ____________________(day)____________________(night)
Business Name/Product ____________________________________.
Your Business' Web Page ____________________________________.
Address ____________________________________.
City ____________________ **State** __________ **Zip** __________--__________.
Email ____________________________________.

Dealers: (To hold spaces, pre-registration payments must be received by March 15th)
# Booths _____ **x $10 + # extra tables** _____ **x $10 + # of employee tickets** _____ **x $4 =** _____.

Shoppers: (Pre-registrations received after April 1 will be held at gate)
# of Tickets _______ **x $4.00 =** ______. **Flea market space needed? (Yes or No)**

Make checks payable to : CV Hamfest (Postdated check NOT acceptable)

Http:/www.wp.cc.nc.us/~cvhamfest/

NC Amateurs Respond

(Continued From Page 15)

Dennis skirted the North Carolina coastline beginning Monday, August 30th. SKYWARN nets were activated on the Wilmington 146.82 and Trenton 145.21 repeaters. Damage in the southern coastal counties around Wilmington was only moderate. But, as the hurricane paralleled the Outer Banks islands, its movement stalled. For three long days it barely moved, all the time lashing the Outer Banks with hurricane or tropical storm force winds.

An evacuation had been ordered, but as usual, hundreds of people remained behind to "ride out the storm" on Hatteras and Ocracoke islands. Hatteras and Ocracoke are long, narrow strips of sand, as much as 30 miles off the mainland. The people who didn't evacuate became trapped for days as high winds and storm surges closed the only bridge and road through Hatteras, and kept ferries from running to Ocracoke. Power, water and telephone communications all failed. Amateur radio, and one solitary cell phone, became the only communications between the mainland and the people on the islands.

Dare County EC Harry Bridges K4UOR reports that several hundred messages were passed by amateurs around the Outer Banks and mainland areas for more than a dozen agencies. All this was done with only about 15 amateurs in this rural part of North Carolina. The hams on the islands used a linked repeater system, augmented by a series of crossband repeaters. The linked repeaters reached far enough inland to permit direct communications with the LSA in Kinston and the state EOC in Raleigh.

Lou Browning K4USB, assistant EC for Dare County, was one of the hams operating from Hatteras. He gives this report of some of the communications:

"The day after the storm hit here, I got up and went to the EOC to check in (I am on the advisory board as a ham radio operator). Our first priority was to find out how bad the situation was and why we didn't have any water pressure. I drove a fire department M715 down to the water plant to see how deep the water was on the access road, and to check the power lines going to the plant and to the well field.

"Our 800 MHz EOC trunking system wasn't working (unfortunately the power company uses the same system). I was able to communicate to Randy Jordan W4HAT, who runs the power generating plant here on the island and Ocracoke. By being on the repeater with W4HAT, I was able to tell the local power company exactly what the condition of the lines and fuses to the water plant and pumping stations was in real time.

"The next task was to drive down to Hatteras village and check the power line south about 4 miles to where it turns into a submarine cable under Hatteras Inlet. This is the power feed line for Ocracoke. There is no paved road and about 3 to 4 feet of water on the sand road. When I got to the end where the submarine cable pops up, I couldn't talk with anyone except via 2 meters to Randy. Standing on the cab of the truck in the edge of Hatteras Inlet, I was giving power line conditions directly through Randy to the power company that feeds Ocracoke and to the Raleigh NC power office.

"My wife, Linda, is the disaster team coordinator for lower Hatteras Island and had many third party conversations with the Red Cross representatives in the Dare County EOC in Manteo via a 440 crossbander here on Hatteras and Columbia 146.835 repeater."

A few helicopters were able to slip in and out of Hatteras during quieter moments of the storm. Hams helped coordinate the helicopter evacuation of a pregnant woman who was flown to the mainland and gave birth to a healthy baby.

Lou says the hams on Hatteras are "communications nuts." They carry radios for multiple emergency communications organizations, giving them more flexibility than the operators in any one organization. Still, he says that ham radio is their most reliable form of communications at any time.

And since there are no broadcast stations on the Outer Banks, most of the public gets their emergency information by listening to the hams on scanners.

Elsewhere, KC4JKW reports that Onslow County got a brand-new EOC building just a few days before Dennis hit. They didn't have their Amateur radio antennas up yet, so a temporary VHF station was set up, while the HF link to the state EOC in Raleigh was maintained by a station operating at home.

The Kinston LSA was kept on the air by hams from the Brightleaf Amateur Radio Club in Greenville, and the Kinston Amateur Radio Society. The station at the state EOC in Raleigh was manned 24 hours per day with help from hams from many area clubs: the Raleigh Amateur Radio Society, the Cary Amateur Radio Club, the Johnston Amateur Radio Society, students from the NC State University StARS club and others. Most of the operators report light traffic. KO4TV says that during one shift in the state EOC, he helped dispel rumors of mass starvation on Ocracoke that the press had picked up.

Just as activity from hurricane Dennis was winding down, hurricane Floyd turned itself into a major storm out in the Atlantic. It flattened the Bahamas as a category 4 hurricane, then curved north and drew a bead on North Carolina. The news media predicted a devastating hurricane, aimed directly at the capital city of Raleigh, the same track hurricane Fran took in 1996. Shelters opened as far west as Winston-Salem, and hams headed again to the Emergency Operating Centers.

Fortunately, Floyd weekend as it approached landfall, and its track turned farther east. Wind damage was again moderate to minimal in most places. But Floyd dropped an incredible amount of rain as it passed quickly through the state. Under sunny, blue skies the next day, emergency management officials realized they had a bad flooding problem on their hands.

They had a communications problem too, as one by one, County EOC's and public service agencies lost power and communications to flood waters. Once again, hams filled in to provide local communications and the link to the LSAs and the state EOC.

As this is being written, three days after Floyd crossed the state, hams are being helicoptered into Edgecombe County to provide relief for other hams who have been on duty in Tarboro, a town that was completely flooded.

Once again, hams are providing the only communications links after flood waters knocked out the County communication system.

And the hurricane season is only about half over.

Who To Contact

Repeater Information

If you want information about coordination, interference, or general help with repeaters

Contact your local State Director - See Page 1.

Membership Problems

General Questions about SERA
Questions about the Repeater Journal - Journal Advertising

Email: help@sera.org

Toll Free: 1-888-593-5527

Manned by volunteers as much as possible 10 AM to 10 PM M-F

Any Other Information:

Email: info@sera.org
Web: www.sera.org

Any Other Comments

Someone Who Will Listen
Contact the President
w4vt@sera.org
(540) 326-3338

North Carolina Floyd Ham Response Possibly Largest Ever

-Special from the ARRL Newsletter

> Many stories have come out of North Carolina concerning the devastation caused by Hurricane Floyd. This one, originally appearing on the ARRL Members Web bring some insight into the cooperation of some outstanding ham leaders and professional business people - all with the aim of helping their neighbor in time of need. Our thanks to many, especially our Section Managers, Reed Whitten, AB4W of NC, Lynn Gahagen, AF4CD of VA and Frank Mackey, K4EC VA SEC. to provided leadership and information guidance to the general ham public, and to the news media. *-The Editor*

9-30-99—North Carolina Section Manager Reed Whitten, AB4W, says the Amateur Radio response in that state to Hurricane Floyd and the resulting flooding could be one for the record books. "This was the largest operation we have had in a number of years—possibly the largest ever," Whitten said this week. He also called it the "smoothest operation" in terms of amateur mobilization and coordination.

In addition to their traditional role as communicators, hams applied their technical expertise to benefit the North Carolina flood recovery. Whitten said amateurs were instrumental in setting up a nonamateur UHF repeater system for the Red Cross. "Without Amateur Radio assistance, he said, "this system would not be in place."

After Virginia ARES/RACES relayed a Red Cross request for assistance, Whitten contacted North Carolina ARRL Technical Coordinator Danny Hampton, K4ITL, and a site was secured within 24 hours. "Danny got information from the Red Cross and selected one of the frequencies that were available to them after an interference and intermod study," said Whitten, who called Hampton "probably North Carolina's foremost repeater expert." Whitten said Hampton also arranged for installation of the equipment September 24 near Raleigh at no cost to the Red Cross.

Whitten said Elmo Yancey of Direct Call Inc, Durham, North Carolina, donated the repeater, amplifier, antenna, and installation for the Red Cross repeater system, so the system was operational before the Red Cross had any radio equipment in North Carolina.

As part of the repeater effort, Whitten said, an amateur from South Hill, Virginia, Sammy Simmons, KD4MJO, traveled 50 miles to Emporia, Virginia, to meet Red Cross radio technician Patrick Doherty, also an amateur, to give him the software necessary to program the Red Cross mobile radios.

"This system is providing mobile coverage into Raleigh, Goldsboro, Kinston, Greenville and Tarboro, North Carolina," Whitten said. The Red Cross has deployed more than 80 emergency response vehicles in eastern North Carolina. "I think this is an excellent example of ARES operating in an appropriate role as communications consultants."

Additional rainfall the last week of September did not generate renewed ARES/RACES callups nor any additional need for Amateur Radio volunteers, Whitten said. "The recent rain certainly slowed down the recovery operation but appears to have only slowed the time it's going to take for the rivers to go down," he said, adding that some hams eventually might be involved in damage assessment. He said damage assessments—done in cooperation with the Red Cross—typically are handled on a county-by-county basis.

Salvation Army Tactical Emergency Radio Network operator James Proctor, KA4IZN, in New Bern, North Carolina, reported on the National SATERN network that conditions are deteriorating in North Carolina due to the rain and the "potential evaporation of volunteer interest," a SATERN report said.

Proctor and his wife are actively involved in helping The Salvation Army effort to feed and clothe flood victims in eastern North Carolina.

"Amateur Radio operation has been critical to this disaster operation," the SATERN report said. "Over and over private and civil organization and agencies have been assisted by hams who have greatly expedited the organizations' ability to mitigate the impact of the disaster due to good communication."

At the months end, hams primarily were providing backup communication, and none remained stationed at county emergency operations centers, shelters or mass feeding units. "Although there are no longer several hundred amateurs spending long hours away from home, we still have a presence in the recovery operation," Whitten said. The nine Southern Baptist kitchens—with a capacity of upwards of 120,000 meals a day—were using ham radio as their backup communication to the American Red Cross. Volunteers from North Carolina and other states remain available, if needed, he added.

The North Carolina traffic and ARES nets have resumed regular operating schedules. "We are having daily critiques on the Tar Heel Emergency Net on HF," Whitten said.

Whitten thanked all amateurs, emergency officials, and state government officials who have participated in the Hurricane Floyd response.

Danny Hampton, K4ITL, who wears many hats, is also the SERA North Carolina Director, and a member of the SERA Technical Committee.

Hurricane Floyd Statistics for NC

As Of
9-30-99

47 Confirmed deaths
1,816 Homes major damage
5,917 Homes minor damage
791 Homes destroyed
30,000 Homes flooded
2,000 Roads closed
1,500,000 Without Electricity
227 Shelters open at Peak
48,022 people in shelters
2.5 Million dead animals
20-inches of rain during Hurricane
8-inches rain last week of September

Sumner County Amateur Radio Association, Inc. Presents the

Gallatin Hamfest

January 22, 2000

Gallatin Civic Center
Gallatin, Tennessee

■ **Under New Sponsorship** ■ **Testing**
■ **Tables $15.00 / 3 for $12.00 each**
■ **Admission $5.00** ■ **Children under 10 Free**

Make your plans to Attend

For Informaiton Call: (615) 451-0213
Or visit the club web site at:
www.rogerg.com/scara
E-Mail: hamfest@rogerg.com

Talk-in on 147.240+ (114.8 pl) and 444.350+ (107.2 pl)

SERA Officer Nominations Submitted for 2000-2001

-by Wayne C. Williams, Editor

Once again, the Democratic Process is in place, and ready to go within SERA. The Nominating Committee has given their report, and with this publishing of nominees, SERA Full Members have an opportunity to offer their own choice of Officer nominee.

As was expected, all four of SERA's officers were re-nominated, and all committed themselves to serve another term if elected.

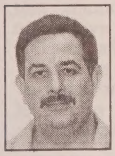
And . . . The Nominees Are!

Don Williams

PRESIDENT: Don Williams, W4VT returns for a proposed 2nd term as SERA's president. Williams, 58 and licensed for 36 years is also the SERA Virginia Director. He has also served as Virginia Vice-Director for 10 years. He says it is very important to be responsive, promot, and courteous to all Amateurs who turn to SERA for assistance.

Dick Fowler

VICE-PRESIDENT: Dick Fowler, N8FMD also is making a bid for his 2nd two-year term as SERA's VP. Fowler, 51, has also held the post of West Virginia Director since 1992. He too was a Vice-Director for several years. Dick who has expertise in 2-way communications with his Commercial Shop, offers assistance whenever possible to repeater owners in his state who ask for help with technical problems.


H. Alex Hedrick, Jr.

SECRETARY: H. Alex Hedrick, Jr. N8FWL has been SERA Secretary since 1994 and wishes to serve another 2-year term for the organization. He is 43, and licensed since 1981. Alex is also the West Virginia Vice-Director, a post he has held since 1992. Alex takes great pride in providing accurate records of all meetings, official correspondence and official documents of SERA.

Johnny Wofford

TREASURER: Johnny Wofford, WA4ETE returns as a nominee for his second 2-year term as SERA Treasurer. Wofford, 61, is also Tennessee Director, a post he has held since 1992. Johnny who was first licensed in 1974 has operated repeaters in the Memphis area since 1977. He has also been instrumental in introducing the SERA organization to the Western part of the Volunteer State.

SERA has rules, governed by our By-Laws in place to conduct officer nominations, voting and elections as necessary.

The form to the right of this page, is a "From the Floor" nomination which may be utilized by any SERA Full Member who wishes to nominate someone else for any of the four offices.

Any planning to use the form, are asked to please, very carefully, read the instructions. Further information is also available at < www.sera.org >.

If there are NO nominations from the floor, after the submission deadline, the Secretary of SERA shall notify the Board that officers nominated are elected.

If there IS a nomination from the floor for any officer, an election with mailed ballots to EVERY Qualifying Full Member for their vote. The winner is the officer who receives the majority votes, which are counted by a Board of Tellers.

Officer election results will appear in the February 2000 Repeater Journal. and will be posted on the official SERA web site in mid-December.

SERA OFFICER NOMINATING FORM

For the Office of SERA President, Vice President, Secretary or Treasurer

This completed form must be mailed to the Secretary - postmarked no later than Nov. 26, 1999.
Note: The Secretary must also be notified verbally by telephone no later than NOON Nov. 26, 1999.

To The SERA Secretary:
The below named person is nominated to the Office listed. This person has been contacted and through their enclosed acceptance letter will serve if elected. The nominee is (1) a Qualified SERA FULL MEMBER, appropriated listed as such in the **February 1999 Repeater Journal,** (2) is not an officer in any other coordination council (3) and fully qualifies under the bylaws of SERA to hold office. It is understood that this nomination from the floor, signed by myself and THREE other elegible SERA Full Members will be added to the nominating committe's list of nominees. This "from the floor" nomination will cause an election to be held by written ballot, mailed to every Full Member in all eight SERA Districts.

NOMINEE INFORMATION: (Use separate sheet for EACH Nomination-
(President, Vice President, Secretary or Treasurer)

Nominated for the SERA office of ____________________(one office per sheet)

Name____________________Callsign__________

Address____________________Phone (   ) __________

City____________________State__________Zip__________

Is a representative of the ____________________**Full Member** Repeater System

Person has been contacted and has agreed to serve - [   ] Yes - Acceptance letter enclosed? [   ] Yes
Please include a brief Biographical sketch of nominee on a separate sheet of paper - enclosed? [   ] Yes

This Nomination is made and certified by a qualified SERA full member:

Name____________________Callsign__________State__________

Phone [   ] __________ Signature____________________

I am a member of ____________________**SERA Full Member** Repeater Group.

Please list 3 other Qualified Full Member Repeater Representatives (each must sign this sheet)

(1) Signature ____________________ Callsign __________

(2) Signature ____________________ Callsign __________

(3) Signature ____________________ Callsign __________

Mail this fully completed form with other necessary paperwork to:

H. ALEX HEDRICK, JR., N8FWL, SERA Secretary, P.O. BOX 417, BECKLEY, WV 25802-0417
This USPS mailing package must be postmarked no later than November 26, 1999. Verbal notification is ALSO REQUIRED by telephone, direct to the Secretary. Call (304) 673-6611 no later than 12 NOON, November 26, 1999.

IMPORTANT:
All eligibility conditions, for nominee as per SERA By Laws, and all requirements of this nomination form must be met for a legitimate nomination from the floor. Otherwise, the nomination must be disqualified as non valid for the forthcoming officer election.
SERA BY-LAWS and Further information available at our Web site: www.sera.org

A First Hand Report of What It's Like after the Flood

Danny Hampton, SERA NC Director writes, "This first-hand account of some of the devastation in eastern NC was sent to me by a friend. Some of you may have traveled to Emerald Isle through Trenton, the cute little town south of Kinston with the swamp and the Spanish moss."

As you know, the flooding caused by Hurricane Floyd is the worst natural disaster in the state's history. You've seen several e-mails encouraging donations and volunteer efforts. Sometimes it's hard to imagine the suffering in a situation like this without seeing it. I just returned from four days of working in Jones County helping relatives dig out. For those interested, I would like to offer a first-hand report of the emotional, economic and environmental devastation.

No matter how many photos or videos you've seen of the flooding, nothing can adequately convey the sheer magnitude and heartbreak. Rocky Mount, Tarboro and Princeville were of course hit hard, but so were hundreds of other small towns and communities not mentioned as often in the news - Greenville, Kinston, Winterville, Ayden, Grifton, Kenansville, Village Creek, Cove City and many small poor rural communities you may not have heard of.

Last Thursday (In Sept) my wife and I drove to Trenton, a town just south of Kinston, where my father-in-law's home was destroyed. What should have been a two hour ride took seven hours due to dozens of road closings along the way - some roads covered by water, the pavement of others simply washed away by the current [several roads the DOT told us were open were in fact closed - I think they're simply overwhelmed trying to keep track of it]. What we saw on the way and when we arrived looked like the aftermath of a war.On our 240 mile detour-laden route, we passed hundreds of families sitting outside their now uninhabitable homes, with their water-soaked possessions spread out on their lawns. Desperately picking through the mess for anything to salvage, most people, particularly the elderly, seemed to be in a state of shock. The larger towns had a visible FEMA and Red Cross presence, but in smaller towns it looked like utter confusion and despair - no one in charge, no one knowing what to do or where to go for help. People on the street would periodically flag us down and ask if we were with FEMA.

We found the infrastructure of these areas to be in absolutely critical condition - bridges, schools, doctor's offices, restaurants, day-care centers and stores shut down, people effectively stranded in their communities because it's a two-hour drive to the next town because of the detours. Many people we talked with had no idea when they'd be returning to work since their employer was shut down.

In Lenoir County we passed entire farms that had been destroyed - half-mile wide swaths of cotton, corn and soybeans lay flat down in the muck, machinery buried at 45 degree angles in the mud. Driving south on highway 41 we passed bonfires of hogs killed by the flood. According to friends in Cove City, this process has only just begun - one of the larger hog farms north of Trenton is still partially submerged. As we entered Jones county we noticed a thick grayish-white dust on wide areas of previously submerged streets and homes - God only knows what this was, since the regular soil there is a rich red clay.

When we entered Trenton the magnitude of the flooding was apparent. If you've passed through this little farming community on highway 58 on your way to Emerald Isle you may be familiar with the historic "Mill Pond" just south of the town center. About a half-mile east of the Mill Pond is the Trent river, which snakes from northwest to southeast. By the time the water crested, these two bodies of water met and joined into a half-mile wide river. According to locals, even during the last big flood in 1908 this didn't happen.

We arrived at my father-in-law Bob's home late Thursday. The front windows had been broken by the current, and water had been about 3-4 feet deep inside. The entire building reeked of raw sewage - imagine the smell of the animal pens at the state fairgrounds only not so delicate. Sewer water was literally spraying up like a fountain from a manhole cover in the street and draining into Bob's back yard and the crawlspace beneath his house. The flood water had pretty much receded from the home but virtually everything inside was destroyed - furniture, appliances, clothing, you name it.

We brought a lot of cleaning equipment with us. We should have brought demolition equipment instead. We wound up tearing down all the drywall, pulling up the floors and throwing out every last bit of furniture in a desperate attempt to dry the house before the timber started to rot (it had been underwater for a week). I rigged up a sump-pump beneath the house and pumped out thousands of gallons of sewer water mixed with black petroleum products and more of the fine grayish-white slurry of unknown origin.

We won't know until later this week whether our work was in vain - the county building inspector has to examine Bob's house and hundreds of others, to determine whether they are structurally sound or should be bulldozed. My friends in Greenville tell me that as homes are being condemned there, safety officials paint a big red "X" on the door. I guess if we return to Trenton in a few days and find an "X" on Bob's door we'll know what comes next.

Countless other homes in Bob's neighborhood were in the same condition - completely saturated with toxic waste water, no electricity, and structurally questionable after being immersed so long. Little old ladies and men sat quietly on their lawns, picking through water-soaked photographs and personal effects while Marines and church group volunteers heaved their furniture and appliances into garbage trucks.

Speaking of Marines, the ones I met [all volunteers, many of them officers] were incredible - cheerfully doing some of the most dangerous and disgusting jobs imaginable.

Most people I talked with were staying with relatives or friends, but some were in Red Cross shelters or churches. Many had no idea they could not [or at least should not] return to their homes without removing the toxic-water-logged walls and rugs. Some had borrowed generators to run wet-dry vacs to dry the rugs, and were planning to stay in their homes while the rest of the house aired out (the health risks of this overwhelmed me). Speaking of health risks, we wore respirators and other protective gear when removing the more toxic materials. As far as I could tell we were the only ones in town to do so. FEMA and Red Cross centers had lots of free coffee and bottled water for rescue workers but very little in the way of safety gear.

FEMA officials in Trenton told me that people were returning to their homes as the waters receded, but I couldn't help but think "returning to what?" They obviously can't [or shouldn't] live in these homes, and even if the homes are eventually repaired it will take months, possibly years. FEMA is setting up a small trailer park south of Trenton for flood victims, but given the sheer volume of families affected I can't imagine where they'll ever put everybody.

And as you know, most flood victims did not have flood insurance, since the areas they lived in had not been seriously flooded this century.

FEMA will extend grants to these folks, but only to a maximum of about $13k [most victims will get less]. For many homes I looked at, the repairs could easily run $40k or more. You can get a low-interest long-term rebuilding loan from FEMA, but that doesn't erase your first mortgage. And God only knows what retirees or others on fixed incomes will do.

On Saturday afternoon when I walked around the town during a work break, at least a half-dozen elderly folks asked me about news coverage - Why wasn't Trenton ever mentioned

(Continued on Page 52)

THE SERA OFFICIAL REPEATER INDEX

FOR: GEORGIA ■ KENTUCKY ■ MISSISSIPPI ■ NORTH CAROLINA ■ SOUTH CAROLINA ■ TENNESSEE ■ VIRGINIA ■ WEST VIRGINIA

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SERA will not be responsible for incorrect or omitted listings. The responsibility of correct listings is that of the actual repeater owner or sponsor. SERA makes every effort to keep the index as accurate as possible with information provided. The SERA *Repeater Journal* repeater lists contain certain repeaters which are NOT or have not been coordinated by SERA, or are not operating according to recognized frequency utilization plans. SERA does not necessarily condone, or recognize such repeaters as being legal or illegal. They are listed in our indexes primarily to keep our readers informed of all repeaters known in the areas surved by SERA.

Some repeaters allow voice as well as other functions on their machine. Operators should check with owners for additional information about what is allowed, and what features are available. Digital Repeaters with normal input/output (pairs) are listed in the regular FM repeater index. Digital systems operating simplex are not coordinated by SERA and are not on our repeater lists. For tone-accessed repeaters, the codes column contains the tone or access code for those repeaters which the owner or trustee has given us written permission to publish. They are in the By-State, and By-Frequency listings.

Entries with "#" in front of city indicates repeaters added to this index that have not been coordinated through the local SERA state coordinator. Owners may work with their coordinator to get this indicator removed. Repeater frequencies which have been coordinated but may not yet be on the air are listed with "PROP" showing in the codes column. Unknown listings are in a separate area.

Repeater owners are reminded to contact their local Frequency coordinator (Director) for assistance in coordination, changes in their listings, or any other requirements. There is no charge. The annual SERA repeater datasheet, sent to all known repeater operators, should be accurately updated each year and returned to SERA

SERA RECOMMENDED FM VOICE SIMPLEX

10 Meters:	29.600#						
6 Meters:	52.490	52.525#					
2 Meters:	146.400*	146.415*	146.430*	146.445*	146.460*	146.475*	146.490*
	146.505*	146.520#	145.535	146.550	146.565	146.580	146.595
	147.405*	147.420*	147.435*	147.450*	147.465*	147.480*	147.495*
	147.510	147.525	147.540	147.555	147.570	147.585	
220 MHz.	223.400	223.420	223.440	223.460	223.480	223.500#	223.520
	223.540	223.560	223.580	223.600	223.620	223.640	
440 MHz.	445.825	445.875	445.900	445.925	445.950	445.975	446.000#
	446.025	446.050	446.075	446.100	446.125	445.150 (Not all listed)	

* Permitted for Voice Simplex use unless operation would cause interference to repeater inputs. Be aware that SERA coordinates some of these frequencies as repeater inputs in some areas.
# - Designated National Simplex Frequencies.

SERA RECOMMENDED DIGITAL/PACKET SIMPLEX

2 Meters:	144.910	144.930	144.950	144.970	144.990	145.010	145.030
	145.050	145.070	145.090	145.510	145.530	145.550	145.570
	145.590	145.610	145.630	145.650	145.670	145.690	145.710
	145.730	145.750	145.770	145.790			
220 MHz.	223.660	223.680	223.700	223.720	223.740	223.760	223.780
440 MHz.	440.9125	440.9250	440.9375	440.9500	440.9675	440.9750	440.9875
	441.0000	441.0125	441.0375	441.0500	441.0625	441.0750	441.0875
	441.1000	441,1125	441.1375	441.1500	441.1625	441.1750	

222.350 - 222.450 (222.400 Center) - High speed digital channel (100 KHz wide)
223.800 - 223.900 (223.850 Center) - High speed digital channel (100 KHz wide)

NOTE: Digital operators are reminded to check with their local Digital/Packet Societies or organizations as to which digital/packet channels are available for various digital usage in their particular area. Some channels are for exclusive use of LAN or BBS, etc. usage.

SERA JOURNAL REPEATER LISTINGS BY STATE - BY CITY

Listings Correct as of October 12, 1999

GEORGIA

10 METERS

ATL/MARIETTA	N4NEQ	29.640 -	T118.8	
DALTON	N4BZJ	29.680 -		☺
#MACON	KF4XH	29.620 -	UNCOR	
MONROE	KQ4XL	29.620 -		☺

6 METERS

ATL/MARIETTA	KD4DKW	53.090 -	T118.8	
AUGUSTA	NA4I	53.030 -		☺
BOLINGBROKE	KR4OL	53.430 -		☺
CARTERSVILLE	WB4AEG	53.070 -	T123.0	☺
CLEVELAND	N4RBT	53.170 -		
CRAWFORD	KD4FVI	53.330 -	T88.5	
#CUMMING	WA4YNZ	51.700 -	UNCOR	☺
DALTON	N4BZJ	53.130 -		☺
DECATUR	KA4UFM	53.390 -	T	☺
DOUGLASVILLE	N4UOX	53.470 -	T88.5	
EMMA	KC4JNN	53.050 -	PROP	
HIAWASSEE	KC4CBQ	53.270 -	PROP	☺
IVEY/MACON	K4YC	53.730 -	T88.5	☺
LAKE PARK	KB0Y	53.890 -	T141.3	☺
LAWRENCEVILLE	W4GR	53.110 -	103.5	☺
#MACON	KF4XH	53.390 -	UNCOR	
MARIETTA	N1KDO	53.210 -	T79.7	☺
MARIETTA	KF4BMG	53.250 -	T79.7	☺
PINE LOG MT.	KE4PN	53.290 -	T198.2	
#ROSWELL	WA4YNZ	53.010 -	UNCOR	☺
WARNER ROBINS	WR4MG	53.790 -	PROP	
WATKINSVILLE	KD4AOZ	53.570 -	T	☺

2 METERS

ADAIRSVILLE	WD4IWL	146.685 -		☺
ALBANY	W4MM	146.700 -		
ALBANY	W4MM	146.730 -		
ALBANY	W4MM	146.820 -		
ATHENS	WA4BKF	146.745 -		☺
ATHENS/CRAWFRD	K4TQU	147.375 +		☺
ATLANTA	W4AQL	145.150 -		
ATLANTA	W4IBM	145.290 -		
ATLANTA	W4DOC	145.350 -	T146.2	☺
ATLANTA	K4LCI	145.430 -		
ATLANTA	W4DOC	146.820 -	T146.2	☺
ATLANTA	K4CLJ	146.970 -	T	☺
ATLANTA	WB6RTH	147.105 +	T77.0	☺
ATLANTA	K4JPD	147.195 +	T	
ATLANTA/AIRPORT	W4REI	147.030 +		☺
ATLANTA/BELL	W4PME	145.410 -	100.0	☺
ATLANTA/GPCO	WA4VBX	147.285 +	PROP	☺
ATLANTA/MARIETTA	N4NFP	146.655 -	T118.8	
ATLANTA/MARIETTA	N4NEQ	147.345 +	118.8	
ATLANTA/SWEAT MT	KD4NC	146.730 -		
AUGUSTA	NA4I	145.290 -	T100.0	☺
AUGUSTA	AA4UA	145.370 -		
AUGUSTA	NA4I	145.410 -		☺
AUGUSTA	W4DV	145.490 -		☺
AUGUSTA	KT4N	146.940 -		
AUGUSTA	K4KNS	146.985 -		☺
AUGUSTA	N4BMA	147.180 +		
BAINBRIDGE	KE4RWR	147.090 +	PROP	
BALDWIN	WD4NHW	147.180 +		☺
BLAIRSVILLE	K5PRE	146.955 -		☺
BOGART	WW4T	147.000 +	PROP	☺
BONAIRE	KD4HMH	145.470 -		☺
BONAIRE	KM4DT	147.015 +	T82.5	☺
BOSTON	W4UCJ	147.195 +		☺
BRUNSWICK	K4TVE	146.730 -		
C;EV;MD/LONG MT	WB4HIG	146.910 -		☺
CARROLLTON	W4FWD	146.640 -	T131.8	☺
CARTERSVILLE	N4GIS	147.015 -		☺
CEDARTOWN	W4CMA	147.120 +		☺
CHATSWORTH	N4YYD	145.250 -	T71.9	
CHULA	W4PVW	147.285 +	T103.5	☺
COCHRAN	N4MXC	145.110 -	T107.2	
COCHRAN	W3LAP	147.330 +	T77.0	☺
COLBERT	N4ALE	147.300 +		☺
COLUMBUS	W4CVY	146.610 -		
CONYERS	KF4GHF	147.210 +	T162.2	☺
CORDELE	KB0Y	145.230 -	PROP	☺
CORDELE	KA4WUJ	145.490 -	T103.5	☺
COVINGTON	WA4ASI	146.925 -		☺
COVINGTON	WA1KMS	147.270 +	T127.3	☺
CUMMNG/SAWNE MT	K4BYK	147.150 +		☺
DAHLONEGA	N4KHQ	146.835 +	T100.0	☺
DALLAS	W4RPO	146.850 -		
DALLAS	WD4LUQ	146.895 +	T77.0	☺
DALTON	KS4BS	145.230 -		☺
DALTON	N4BZJ	147.135 +	T100.0	☺
DECATUR	W4BOC	145.450 -		☺
DOUGLAS	KE4ZRT	147.045 +	141.3	☺
DOUGLAS	AD4EQ	147.315 +	PROP	
DOUGLASVILLE	KR4HV	145.110 -	T88.5	☺
DOUGLASVILLE	W4SCR	147.360 +	T88.5	☺
DUBLIN	WA4HZX	147.360 +		☺
EASTMAN	KC4RRO	145.210 -		☺
EASTMAN	KF4ODQ	145.330 -	T77.0	
EATONTON	KC4YHM	147.090 +	T179.9	
ELBERTON	N4UJT	146.625 -		
ELLIJAY/TALONA M	KC4ZGN	146.985 -	T77.0	☺
EMERSON	AE4JO	147.240 +	T103.5	☺
FAYETTEVILLE	WA4EPK	145.210 -		☺
FAYETTEVILLE	KB4KZY	146.685 -		☺
FOLKSTON	KD4GEY	146.790 -		
GAINESVILLE	W4ABP	146.670 -	T131.8	☺
GRIFFIN	K4HYB	145.390 -	T88.5	
GRIFFIN	K4HYB	146.910 -		
HARTWELL	WA4RBS	146.895 -	T100.0	☺
HELEN	W4MMQ	147.390 +		
HINESVILLE	KF4UM	147.015 +		☺
IRWINTON	WB4NFG	147.240 +	T77.0	
IVEY	K4YC	145.250 -	T	☺
IVEY/MACON	K4YC	145.150 -	77.0	☺
JASPER	KB4IZF	145.370 -	T100.0	☺
JASPER	W4OOM	146.700 -		
JASPER	KC4AQS	146.805 +	T100.0	☺
JESUP	KA4EIM	145.430 -		☺
JONESBORO	WA4DIW	145.170 -		☺
JONESBORO	WA4OGE	145.330 -		
KIBBEE	K4HVK	146.820 -	T	☺
KINGSLAND	KC4WWU	147.285 +	T118.8	☺
LAFAYETTE	KB4VAK	147.375 +	T77.0	
LAGRANGE	KD4BWK	146.700 -	T141.3	☺
LAKE PARK	KB0Y	147.135 +	T141.3	☺
LAVONIA	K4NVG	146.715 -	T100.0	☺
LAWRENCEVILLE	WB0QGH	145.190 -	T	☺
LAWRENCEVILLE	W4GR	147.075 +	82.5	☺
#LINCOLNTON	KT4N	147.120 +	UNCOR	
LOOKOUT MTN	W4GTA	145.350 -	TT100.0	☺
LOOKOUT MTN	KS4QA	146.760 -	T67.0	☺
MACON	W4BKM	145.370 -		
MACON	AA4RI	145.430 -		☺
MACON	W4BKM	146.660 -		
MACON	K4PDQ	146.805 -	T77.0	☺
MACON	N3SM	146.895 -	T123.0	
MACON	WA4DDI	147.060 +	T	☺
#MACON	KF4XH	147.165 +	UNCOR	
MADISON	WB4DKY	146.865 -	T179.9	☺
MARIETTA	W4LMA	145.490 -		☺
MARIETTA	N4NFP	146.775 -	T118.8	
MARIETTA/ATLANTA	W4BTI	146.880 -	T100.0	☺
MILLEDGEVILLE	WB4DOJ	146.700 -	T67.0	
MILLEDGEVILLE	K4FRM	147.135 +	T123.0	
#MONROE	KD4WOU	146.955 -	UNCOR	☺
MORGANTON	N4NEQ	147.165 +	T	
MOULTRIE	WD4KOW	146.790 -		☺
NEWNAN	K4SEX	145.130 -		☺
#NEWNAN	K4SEX	146.790 -	UNCOR	☺
#NORTH ATLANTA	KR4KS	147.315 +	UNCOR	
OCILLA	KD4MFS	145.350 -		
PEMBROKE	WB4CJB	147.075 +		
PERRY	WR4MG	145.290 -	T107.2	☺
PERRY	WR4MG	146.955 -	107.2	☺
QUITMAN	WA4NKL	146.880 -		☺
RICEBORO	KF4UM	145.470 -		☺
RINGGOLD	W4ABZ	146.715 -	T67.0	☺
ROME	WB4YSV	147.300 +		

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

GEORGIA REPEATERS CONTINUE

ROME/MT. ALTO	W4VO	146.940 -		☺
ROSWELL	N4CLA	147.060 +		☺
SANDERSVILLE	KT4X	145.270 -	T77.0	
SAVANNAH	K4NLX	146.700 -		☺
SAVANNAH	KE4WAQ	146.850 -		☺
SAVANNAH	W4HBB	146.880 -		☺
SAVANNAH	W4HBB	146.970 -	PROP	☺
SAVANNAH	K4LNX	147.210 +		☺
SAVANNAH	K4NLX	147.330 +		☺
ST SIMONS ISLAND	N4XGI	145.330 -	T131.8	☺
STATESBORO	NC4D	147.105 +		
STOCKBRIDGE	WA4JDR	145.310 -		
STONE MT	W4BOC	146.760 -	T107.2	☺
STONE MTN	WD4KDT	147.255 +	T	
SUMMERVILLE	W4RLP	147.225 +		☺
SWEAT MT/MARIETT	N4CLA	145.470 -		☺
THOMASTON	W4OHH	147.390 +		
THOMASVILLE	W4UCJ	147.060 +		☺
THOMSON	KC4GSS	146.835 -		
TOCCOA	KA4DIP	147.330 +		☺
TYRONE	WD4LYT	147.165 +	PROP	
VALDOSTA	WR4SG	145.130 -	T141.3	☺
VALDOSTA	KF4BJM	146.760 -	141.3	☺
WALESKA/PNLGMT	KE4PN	145.270 -	T103.5	
WARM SPRINGS	KN4FE	146.985 -		
WARNER ROBINS	WA4ORT	146.850 -		
WARNER ROBINS	WB4BDP	147.180 +		
WARNER ROBINS	WR4MG	147.300 +	107.2	☺
WATKINSVILLE	KD4AOZ	147.045 +	T	☺
WAYCROSS	AE4PO	146.640 -	T141.3	☺
WAYCROSS	AE4PO	147.255 +	PROP	☺
WAYNESBORO	K4BR	145.230 -		
WRENS	KB4NA	146.775 -		
WRIGHTSVILLE	WA4RVB	146.940 -		
YOUNG HARRIS	K2YRW	147.090 +	PROP	☺

220 MHZ

ACWORTH/ATL	N4MTA	224.320 -	T123.0	☺
ACWORTH/ATL	N4MTA	224.500 -	T123.0	☺
ALPHARETTA	NX9O	224.580 -	100.0	☺
#ALPHARETTA	WB6RTH	224.840 -	UNCOR	☺
ALPHARETTA	KC4JNN	224.860 -	T100.0	☺
ATL/MARIETTA	N4NEQ	224.440 -	T118.8	
ATLANTA	W4DOC	224.340 -		☺
ATLANTA	W4DOC	224.560 -	T146.2	☺
ATLANTA	WB5TUF	224.800 -	T110.9	
ATLANTA	KK4C	224.820 -		
ATLANTA-NE	KC4OVY	224.200 -	T100.0	
ATLANTA/BELL	W4PME	224.620 -	100.0	☺
ATLANTA/MARIETTA	N4NFP	224.120 -	T118.8	
ATLANTA/MARIETTA	N4NEQ	224.220 -	T	
ATLANTA/MARIETTA	PT2RFL	224.960 -	T100.0	☺
AUGUSTA	WB4KXO	224.940 -		
BISKEY MTN	KC4JNN	224.160 -	T100.0	☺
DAHLONEGA	N4RBT	224.380 -	PROP	
DALLAS	N4YDX	224.180 -		☺
DALLAS	N4YEA	224.540 -		☺
DALLAS	W4TIY	224.700 -		☺
DALLAS	WD4LUQ	224.880 -	T77.0	☺
DALTON	N4BZJ	224.360 -	T	☺
DALTON	N4BZJ	224.460 -	T118.8	☺
DALTON	N4BZJ	224.680 -		☺
DALTON	N4KVC	224.740 -	T	☺
FT MT/CHATSWTH	N4YYD	224.240 -	T71.9	
GAINESVILLE	W4ABP	224.460 -	PROP	☺
HAWKINSVILLE	WR4MG	224.820 -	PROP	
JASPER	KC4AQS	224.400 -	PROP	
JASPER	N4GIS	224.600 -	100.0	☺
#LOGANVILLE	WB6RTH	224.640 -	UNCOR	☺
LOOKOUT MT.	KS4QA	224.640 -	PROP	
MACON	W4BKM	224.660 -		
MARIETTA	KE4QFG	224.260 -		☺
MARIETTA	W4LMA	224.900 -		☺
NORCROSS	KE4IPX	224.480 -		☺
PINE LOG MTN	KE4AIS	224.520 -		☺
SNELLVILLE	KR4KS	224.920 -	T	
STONE MT	W4BOC	224.760 -		☺
TEMPLE	KU4PE	224.300 -	T151.4	☺
VALDOSTA	KB0Y	224.460 -	T141.3	☺
WALESKA	KD4ALC	224.140 -		
WALESKA	N4GIS	224.940 -		☺
WARNER ROBINS	WR4MG	224.840 -		☺
WATKINSVILLE	KD4AOZ	224.420 -	T	☺

440 MHZ

ACWORTH	KC4YNF	441.800 +	T77.0	
ALBANY	W4MM	444.500 +		
ALPHARETTA	WB6RTH	442.000 +		☺
ATHENS	AA4AI	442.950 +	T179.9	
ATHENS	WB4VNT	443.300 +	T	☺
ATL/MARIETTA	N4NFP	442.800 +	T	
ATL/MARIETTA	N4NEQ	444.050 +	T118.8	
ATL/MARIETTA	N4NEQ	444.775 +	118.8	
ATLANTA	WA4NMF	442.025 +	T100.0	☺
#ATLANTA	WB6RTH	442.225 +	UNCOR	☺
ATLANTA	WB5TUF	442.525 +	T110.9	☺
ATLANTA	KE4PVE	442.675 +	T100.0	
ATLANTA	WA4YNZ	442.975 +	T	☺
ATLANTA	WA4NMF	443.025 +	T100.0	☺
ATLANTA	WB5TUF	443.450 +	T110.9	☺
ATLANTA	W4DOC	444.450 +	T146.2	☺
ATLANTA	WB5TUF	444.500 +	T110.9	☺
ATLANTA	W4DOC	444.825 +	T146.2	☺
ATLANTA	WA4YNZ	444.975 +	T	☺
ATLANTA/BELL	W4ZTL	421.250 +		☺
ATLANTA/BELL	W4PME	444.150 +	T100.0	☺
ATLANTA/MARIETTA	PT2RFL	442.875 +	T100.0	☺
ATLANTA/MARIETTA	N4NFP	443.800 +	T118.8	
AUGUSTA	NA4I	444.900 +		☺
BALDWIN	WD4NHW	442.350 +		☺
#BISKEY MTN	KC4JNN	443.250 +	UNCOR	☺
BLAIRSVILLE	KE4D	442.200 +	PROP	☺
BOGART	WW4T	443.475 +	PROP	☺
BONAIRE	KM4DT	444.625 +	T82.5	☺
BRUNSWICK	K4TVE	444.975 +		
BUFORD	K3TD	442.900 +	T103.5	☺
#BYRON	WB4SBT	444.700 +	UNCOR	☺
BYRON	WB4SBT	444.700 +	PROP	
CARROLLTON	AE4GU	444.075 +	T107.2	
CEDARTOWN	KD4EKZ	443.400 +	T123.0	
CEDARTOWN	KD4NTF	443.575 +	T107.2	
CHATSWORTH	N4OGF	443.000 +		☺
CHESTER	KD4IEZ	444.525 +	T156.7	
CLAYTON	W1CP	442.825 +	T	☺
COCHRAN	N4MXC	444.775 +	PROP	
COCHRAN	W3LAP	444.975 +	77.0	☺
CONCORD	WB4GWA	443.400 +	118.8	
CONYERS	KB2DZA	443.725 +	T77.0	
CONYERS	KC4ELV	444.750 +	T162.2	
#COVINGTON	K4GO	443.750 +	UNCOR	☺
COVINGTON	KE4PVE	444.175 +	T100.0	
COVINGTON	WA4ASI	444.800 +	T88.5	☺
CRAWFORD	KN4KW	444.300 +	PROP	
CULLODEN	KE4BB	444.275 +	T123.0	☺
CUMMING	WA4BPY	442.575 +	T79.9	
#CUMMING	WA4YNZ	444.975 +	UNCOR	☺
DAHLONEGA	N4KHQ	443.100 +	100	☺
DAHLONEGA	N4KHQ	444.900 +		☺
DALLAS	W4TIY	443.700 +	PROP	
DALLAS	WD4LUQ	444.700 +	T77.0	☺
DALTON	KD4GRU	442.125 +	PROP	
DALTON	N4BZJ	442.175 +	T118.8	☺
DALTON	N4BZJ	444.500 +	T118.8	☺
DALTON	N4BZJ	444.850 +		☺
DANIELSVILLE	KE4FHN	442.650 +	T	
DECATUR	N3APR	442.200 +		
DECATUR	KA4UFM	443.950 +	T110.9	☺
DECATUR	W4BOC	444.250 +		☺
DOUGLASVILLE	W4SCR	444.575 +	T88.5	☺
DUBLIN	KD4FOC	442.600 +	T77.0	
DUBLIN	KD4IEZ	443.025 +	T156.7	
DULUTH	W4IXN	443.775 +	T82.5	
EATONTON	KC4YHM	442.925 +		
ELLIJAY	KC4ZGN	442.700 +	T77.0	☺
FAYETTEVILLE	KD4YDC	444.600 +		
FLOWERY BRANCH	K4VJM	442.775 +	PROP	
FOLKSTON	KD4GEY	444.475 +		
FT. MT/CHATSWTH	N4YYD	443.350 +	T71.9	
GAINESVILLE	W4ABP	442.625 +	T131.8	☺
#GAINSVILLE	WA4DB	444.200 +	UNCOR	☺
GRAY	KD4KGR	443.625 +		
GREENSBORO	N4YXL	444.850 +	PROP	
GRIFFIN	KE4WLP	443.550 +	PROP	☺
HAPEVILLE	KC4ENL	442.825 +	T167.9	
HELEN	W4MMQ	444.350 +		
HIAWASSEE	KC4BCQ	444.675 +	PROP	☺
HIGH PT/LOOKT MT	KB4VAK	443.450 +	T77.0	
HINESVILLE	KF4UM	444.850 +	PROP	☺
HOG MTN	WB0QGH	444.400 +	T82.5	☺
HOGANSVILLE	KC4YNY	444.300 +	PROP	
IRWINTON	WB4NFG	444.925 +	T77.0	
IVEY	K4YC	443.200 +	PROP	
IVEY	K4YC	444.650 +	T	☺
JASPER	KC4AQS	443.375 +	PROP	☺
JASPER	W4UWH	443.625 +	T100.0	
JASPER	KB4IZF	444.375 +	T103.5	☺
JONESBORO	N4QCP	443.225 +		
JULIETTE	WB4JWM	444.425 +	T156.7	
KENNESAW	WA0HQQ	443.075 +	T	☺
KINGSLAND	KC5BMJ	444.625 +	PROP	
KNOXVILLE	N4PQR	443.525 +	PROP	
LAKEMONT	N4ZRF	444.750 +	T	
LAVONIA	K4NVG	442.475 +	T203.5	☺
LAWRENCEVILLE	WB0QGH	442.850 +	T82.5	☺
LAWRENCEVILLE	WB4QDX	444.000 +	T100.3	☺
LAWRENCEVILLE	WA4NMF	444.025 +	T127.3	☺
LOOKOUT MTN	W4LOC	442.650 +	T146.2	☺
MABLETON	W4JLG	442.325 +	T	☺
MACON	K4DDH	442.275 +	T100.0	☺
MACON	N4IWK	442.875 +	T	
MACON	KC4ZIZ	443.075 +	T156.7	
MACON	W4BKM	444.100 +		
MARIETTA	N1KDO	442.050 +	T107.2	☺
MARIETTA	KE4QFG	442.375 +	T	☺
MARIETTA	WA4OKJ	442.600 +	T100.0	☺
MARIETTA	N4MTA	443.500 +		☺
MARIETTA	KF4BMG	444.325 +	PROP	
MARIETTA/ATL	KE4QFG	442.725 +	T	☺
MONROE	KD4WOU	443.825 +	T123.0	☺
MONROE	KQ4XL	443.925 +	T123.0	☺
MT. VERNON	KE4PMP	442.500 +	PROP	☺
NEWNAN	KE4PVE	444.350 +	PROP	
#NORTH ATLANTA	KR4KS	442.250 +	UNCOR	
PENDERGRASS	KE4PVE	444.125 +	PROP	
PERRY	WR4MG	444.950 +		☺
QUITMAN	WA4NKL	444.600 +	T127.3	☺
RINGGOLD	KW4KW	442.300 +	PROP	☺
RINGGOLD	W4BAB	443.925 +		☺
ROME	W4VO	443.675 +	PROP	☺
ROSWELL	W8BLA	442.075 +	T	
#ROSWELL	WA4YNZ	442.975 +	UNCOR	☺
ROSWELL/BELL	N4SE	442.150 +	T100.0	☺
ROSWELL/BELL	W4PME	443.150 +	100.0	☺
SAVANNAH	K4NLX	421.250 +		☺
SAVANNAH	WA4VHP	427.250 +	T	
SAVANNAH	K4NLX	442.700 +		☺
SAVANNAH	WD4AFY	444.000 +		
SNELLVILLE	WA4NMF	442.450 +	T	
SNELLVILLE	NE1H	443.050 +	T	
SNELLVILLE	W4GR	444.525 +	82.5	☺
ST SIMONS ISLAND	N4XGI	442.950 +	T131.8	☺
STOCKBRIDGE	N4JMD	443.325 +	T	
SWEAT MT/MARIETT	N4CLA	444.475 +		☺
TRENTON	KS4QA	442.475 +	67.0	☺
TYRONE	N4YTR	444.675 +	T77.0	
VALDOSTA	WR4SG	444.350 +	T141.3	☺
VALDOSTA	KF4BJM	444.700 +	T141.3	☺
WALESKA	N4GIS	443.175 +		☺
#WALESKA	KE4PN	443.850 +	UNCOR	
WALESKA	KD4DXR	444.950 +	T88.5	☺
WARM SPRINGS	N4UER	442.400 +		
WARNER ROBINS	WR4MG	442.900 +		☺
WARNER ROBINS	WB4BDP	444.225 +		
WATKINSVILLE	KD4AOZ	444.725 +	T	☺
WAYCROSS	AE4PO	444.025 +	PROP	☺
WOODSTOCK	KE4SJO	444.225 +		

920 MHZ

#SAVANNAH	WA4VHP	923.000 -	UNCOR	

1270 MHZ

ATL/MARIETTA	N4NEQ	427.250 +		
ATLANTA/BELL	KB4KIN	1292.000-		☺
DALTON ATV	N4BZJ	421.250 +		☺

KENTUCKY

10 METERS

LOUISVILLE	KK4CZ	29.640 -		

6 METERS

ASHLAND	KC4QK	53.010 -	T107.2	☺
HIGHLAND HEIGHTS	AD4CC	53.330 -		☺
HIGHLAND HEIGHTS	W4YWH	53.750 -	PROP	☺
LAWRENCEBURG	N4EQT	53.130 -	T107.2	☺
LEXINGTON	KE4LGL	53.570 -		
LOUISVILLE	KF4UAQ	53.290 -		☺
LOUISVILLE	WA4DBY	53.430 -	T151.4	
NANCY	KA4UHL	53.270 -	T100.0	☺
#STANTON	WD4KNE	53.810 -	UNCOR	☺
WAYNESBURG	KE4RKF	53.390 -	T100.0	☺
WILLIAMSBURG	KB4PTJ	53.070 -	PROP	☺

2 METERS

ALLEN	K4ICN	147.300 +	T123.0	☺
ARTEMUS	KE4INT	147.135 +	PROP	
ASHLAND	KA4OIL	146.940 -		
ASHLAND	KC4QK	147.240 +	T107.2	☺
ASHLAND	WA8KWH	147.330 +		
BARDSTWN/NELSN	WB4GGH	145.470 -		☺
BEREA	KI4B	146.715 -		☺
BLACK MOUNTAIN	KB4DFK	147.210 +	T103.5	☺
BOWLING GREEN	K4LOL	147.060 +	156.7	
BOWLING GREEN	W4WSM	147.165 +		☺
BOWLING GREEN	KA4CFW	147.330 +		☺
BOWLING GREEN-SO.	W4WSM	146.655 -		☺
BROOKS	KY4KY	146.700 -	151.4	
CANE VALLEY	WA4UXJ	146.640 -		☺
CENTER	KD4YGK	147.255 +	PROP	☺
#CENTRAL CITY	WF4N	145.390 -	UNCOR	☺
CORBIN	WD4KWV	146.610 -		☺
#COVINGTON	WR8CRA	145.410 -	UNCOR	☺
COVINGTON	WR8CRA	147.390 +		☺
CRESTWOOD	KF4TOL	147.390 +	T151.4	☺
DANVILLE	WD4DZC	146.655 -		☺
DAVID	KC4KZT	145.310 -	T	☺
DAWSON SPRINGS	KF4CWK	147.090 +	T103.5	☺
#DIXON	N4IOX	147.255 +	UNCOR	
DORTON	KC4KZT	146.895 +	T141.3	☺
ELIZABETHTOWN	W4BEJ	146.980 -		☺
FARMINGTON	W4GZ	147.240 +		☺
FLEMINGSBURG	KF4BRO	146.955 -	T107.2	☺
FLORENCE	K4JBV	146.895 -	100.0	☺
FRANKFORT	N4EQT	147.105 +	T107.2	☺
FRANKFORT	KC4AI	147.240 +	T100.0	
FRANKLIN	KE4SZK	147.135 +	PROP	

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
# and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

KENTUCKY REPEATERS CONTINUE

GEORGETOWN	N4CO	146.685 -	PROP	
GLASGOW	KY4X	146.940 -	114.8	☺
GRAYSON	KF4JO	146.700 -		
GRETHEL	KJ4VF	147.045 +		☺
GUTHRIE	KA4NNE	146.805 -		
HALLS GAP	W8PRH	145.170 -		☺
#HAWESVILLE	K9ZK	147.105 +	UNCOR	
HAZARD	KF4SJO	146.670 -		
HAZARD	W8PRH	146.805 -		☺
HENDERSON	W4KVK	145.490 -		
#HENDERSON	K4DPP	146.970 -	UNCOR	
HENDERSON	K4LRX	147.180 +	T141.3	☺
HIGHLAND HEIGHTS	W4YWH	146.790 -		☺
HIGHLAND HTS.	K4CO	147.255 +	T123.0	☺
#HODGENVILLE	KC4TX	147.315 +	UNCOR	☺
HOPKINSVILLE	KF4FO	146.710 -		
HOPKINSVILLE	KD4ULE	147.030 +	T103.5	☺
HUEYSVILLE	KF4ZTB	145.470 -	PROP	☺
HYDEN	KF4TLT	147.240 +	186.2	
IRVINE	W4CMR	146.820 -	192.8	☺
IRVINE	AD4RU	147.015 +		
#IRVINE	W4CMR	147.225 +	UNCOR	☺
IRVINGTON	WB4WVH	146.900 -		☺
JACKSON	WA4MXO	145.410 -		☺
LAWRENCEBURG	N4EQT	145.390 -	T107.2	☺
LEESBURG	KC4UPE	145.110 -	T192.8	☺
LEXINGTN/GRGTWN	W8PRH	145.210 -		☺
LEXINGTON	AD4YJ	145.250 -	110.9	
LEXINGTON	KC4TX	145.450 -		
LEXINGTON	WB4CWF	145.490 -		
LEXINGTON	AC4AO	146.730 -		☺
LEXINGTON	K4KJQ	146.760 -		☺
LEXINGTON	WA4HBM	147.165 +		☺
LEXINGTON	KJ4VF	147.195 +		☺
LONDON	KE4ZJT	147.180 +	151.4	☺
LONDON	KC4ZFH	147.285 +	T	
LOUISA	N8QCW	147.390 +	T186.2	☺
LOUISVILLE	W8PRH	145.230 -		☺
LOUISVILLE	AC2DC	145.290 -	T151.4	
LOUISVILLE	KK4CZ	145.410 -	127.3	
LOUISVILLE	W4PF	146.880 -		☺
LOUISVILLE	W4PJZ	147.030 +	151.4	☺
LOUISVILLE	N4NMC	147.070 +	T151.4	☺
#LOUISVILLE	KA4KMT	147.120 +	UNCOR	
#LOUISVILLE	KA9KOP	147.150 +	UNCOR	☺
LOUISVILLE	W4CN	147.180 +		☺
LOUISVILLE	WB4EJK	147.270 +	151.4	
LOUISVILLE	KQ9Z	147.360 +		
LOUISVILLE AREA	N4RBL	145.130 -	T151.4	
LYNN GROVE	KA4BLZ	146.895 -	T210.7	
MADISONVILLE	KC4FRA	146.610 -		☺
MAYSVILLE	WA4WMM	145.470 -		☺
MIDDLESBORO	W4PPM	146.775 -		
MILLARD	KD4RTR	146.745 -	T141.3	☺
MONTICELLO	KY4JW	145.150 -		☺
MOREHEAD	KJ4VF	145.130 -		☺
MOREHEAD	K4GFY	146.910 -	T123.0	
#MT. STERLING	WD4KNE	147.330 +	UNCOR	
MURRAY	K4MSU	146.940 -		☺
NANCY	KA4UHL	146.790 -	T100.0	☺
OWENSBORO	KE4RNM	146.685 -	110.9	☺
OWENSBORO	KM4OF	146.865 -		
OWENSBORO	K4HY	147.210 +	110.9	☺
OWINGSVILLE	N4TLP	147.075 +		
PADUCAH	K4CUW	146.655 -	T	☺
PADUCAH	K4CUW	146.760 -		☺
PADUCAH	W4NJA	147.060 +		☺
PAINTSVILLE	N4KJU	145.270 -	T	☺
PARIS	KE4OOS	147.045 +	PROP	
PHELPS	KJ4YK	147.090 +		☺
PIKEVILLE	AD4BI	145.150 -	107.2	
PIKEVILLE	KM4IV	146.850 -		
#PINEVILLE	WA4YZY	146.640 -	UNCOR	
PRESTONSBURG	WB4UBY	147.165 +		
RADCLIFF	AI4HB	145.350 -	173.8	☺
RADCLIFF	W4BEJ	146.925 -		☺
RICHMOND	KE4YVD	145.370 -	T192.8	☺
RICHMOND	KG4AEU	146.865 -		
ROCKPORT	KD4BOH	145.270 -		
SALEM	KC4VXR	147.315 +		
SALVISA	KC4ZOX	146.835 -	T192.8	☺
SALYERSVILLE	KB4SQI	145.190 -	T127.3	☺
SHELBYVILLE	KE4LR	147.000 +		☺
SO. PORTSMOUTH	WD8IFH	145.390 -	T	
SOMERSET	KA4UHL	146.880 -		☺
SPRINGFIELD	WA4SJH	147.300 +		
ST. CHARLES	KE4AIE	147.270 +		☺
STANTON	N4VOS	145.290 -		
STANTON	W8PRH	146.970 -		☺
STINETT	KF4TLT	147.345 +	PROP	
TOMPKINSVILLE	KJ4OG	146.775 -		☺
VANCEBURG	AE4SK	146.775 -		
VERSAILLES	KF4INN	145.330 -		
WADDY	KS4TO	146.910 -	T107.2	☺
WALTON	K4CO	147.375 +		☺
WEBSTER	K4ULW	146.625 -	T151.4	☺
WILLIAMSBURG	KD4DAX	145.350 -		
WILLIAMSBURG	KG4M	147.000 +		
WINCHESTER	WB4ASZ	147.120 +		☺

220 MHZ

ASHLAND	KC4QK	223.940 -		☺
IRVINE	AD4RU	224.940 -		
LANCASTER	KD4RXF	224.560 -		☺
LEXINGTON	AC4AO	224.420 -		☺
LEXINGTON	KR4BD	224.800 -		☺
LONDON	KE4GJG	224.980 -		
LOUISVILLE	KA4MKT	224.300 -		
MIDDLESBORO	WM4MD	224.120 -	T82.5	
NANCY	KA4UHL	224.100 -	T100.0	☺
PIKEVILLE	KD4DAR	224.620 -		☺
SHEPHERDSVILLE	N4FND	224.500 -	PROP	☺
SOMERSET	N4AI	224.300 -		☺
SOMERSET	N4AI	224.880 -		☺
VERSAILLES	AD4CR	224.220 -		

440 MHZ

ALLEN	N4IWZ	444.775 +	T123.0	☺
ASHLAND	KA4MKG	444.750 +	PROP	
ASHLAND	KC4QK	444.975 +	107.2	☺
BAGDAD	WB4PQJ	443.850 +	PROP	
BARDSTOWN	KT4GB	443.000 +	PROP	
BEATTYVILLE	KC4UPE	444.825 +	T192.8	☺
BOWLING GREEN	W4HTB	426.250 +		☺
BOWLING GREEN	W4HTB	1280.000 -		☺
BOWLING GREEN	W4WSM	444.100 +		☺
BOWLING GREEN	N5KOL	444.700 +	T136.5	☺
BROOKS	KY4KY	443.700 +	PROP	☺
BUSHY FORK	KF4WMM	444.600 +		☺
CANE VALLEY	KC4TX	443.950 +	T	☺
CORBIN	KF4IFC	444.275 +	PROP	
CORBIN	WB4IVB	444.900 +	T100.0	☺
COX'S CREEK	AE4NU	443.450 +	T151.4	☺
DAVID	KC4KZT	443.900 +	T167.9	☺
DAWSON SPRINGS	KU4MJ	444.275 +		☺
DEANE	N4LGT	444.425 +		
DORTON	KD4RTR	442.150 +		☺
DORTON	KJ4VF	443.250 +		☺
DRY RIDGE	KD4EVB	443.425 +	PROP	
ELIZABETHTOWN	W4BEJ	421.250 +		☺
ELIZABETHTOWN	W4BEJ	444.800 +		☺
FLORENCE	KC4COV	443.175 +		
FLORENCE	KC4COV	443.475 +	T192.8	☺
FLORENCE	KC4COV	444.175 +	T192.8	☺
FORT WRIGHT	KY4JD	442.525 +	T123.0	☺
FOSTER	KU4ML	443.125 +		
FRANKFORT	K4NGQ	442.175 +	T67.0	
FRANKLIN	KD4TAH	443.225 +		☺
GARRETT	KF4JJD	442.400 +	PROP	
GILBERTSVILLE	W2HR	442.850 +	T103.5	☺
GLASGOW	KY4X	444.925 +		☺
GRAEFENBURG	N4HZX	443.550 +		☺
GRETHEL	KJ4VF	444.525 +		☺
HAWESVILLE	KB4QFL	444.625 +		
HAZARD	KE4BHZ	443.975 +	T103.5	
HENDERSON	KY4K	444.725 +	T203.5	
HIGHLAND HEIGHTS	W4YWH	444.900 +		☺
HOPKINSVILLE	KE4AIF	444.750 +	T103.5	☺
INDEPENDENCE	K4JBV	442.325 +	100	
INDEPENDENCE	KB8SBN	444.075 +	T110.9	☺
IRVINE	W4CMR	442.900 +		☺
IRVINE	AD4RU	444.000 +		
JONESVILLE	KC4COV	444.425 +	PROP	
LATONIA	AA4XV	442.400 +	T	
LAWRENCEBURG	N4EQT	443.325 +	T107.2	☺
LEWISPORT	K4DC	444.550 +		☺
#LEXINGTON	KY4ATV	923.250 -	UNCOR	☺
LEXINGTON	KD4ADJ	442.050 +		
LEXINGTON	KE4OOL	443.025 +	T123.0	☺
LEXINGTON	KC4ZY	444.125 +		
LEXINGTON	KC4DUU	444.550 +		☺
LEXINGTON	KE4ISR	444.725 +	T	
LEXINGTON	N4DUE	444.950 +		☺
LOUISVILLE	WD4ELX	442.550 +		
LOUISVILLE	KB4YJ	442.725 +	151.4	
LOUISVILLE	WD9EQC	443.500 +		
LOUISVILLE	N4UL	444.100 +	173.8	☺
#LOUISVILLE	WB4ZZD	444.300 +	UNCOR	☺
LOUISVILLE	N4NMC	444.600 +	T151.4	☺
LOUISVILLE AREA	N4RBL	442.100 +	T	
LOUISVILLE AREA	KD4CLR	442.450 +	T151.4	
LOUISVILLE SW	K4ULW	443.350 +		☺
MADISONVILLE	KC4FIE	442.425 +		☺
MADISONVILLE	AE4LW	442.575 +	T100.0	☺
MADISONVILLE	KC4FIE	442.775 +		☺
MADISONVILLE	KC4FIE	444.600 +		☺
MAMMOTH CAVE	KF4QZN	444.475 +	T179.9	☺
MAYSVILLE	KF4BRO	443.500 +	T123.0	☺
META	WB4UBY	443.500 +		
MIDDLESBORO	WM4MD	442.325 +	T67.0	
MIDDLESBORO	WB4IVB	444.150 +	T100.0	☺
MILLARD	KD4RTR	443.425 +		☺
MONTICELLO	WB9SHH	444.750 +		☺
MOREHEAD	K4GFY	442.500 +		
MT STERLING	KD4ADJ	442.600 +		
MURRAY	K4MSU	443.800 +	T114.8	☺
NANCY	KA4UHL	443.600 +	T100.0	☺
NICHOLASVILLE	KC4UPE	444.775 +	T167.9	☺
NICHOLASVILLE	WB4CWF	444.975 +		
OLIVE HILL	KO4LI	444.925 +		
OWENSBORO	KE4RNM	443.100 +		☺
OWENSBORO	KE4RNM	443.650 +	203.5	☺
PHELPS	N4MVY	444.575 +		☺
PIKEVILLE	KD4DAR	444.375 +		☺
PIKEVILLE	AD4BI	444.475 +		
ROBINSON CREEK	KC4VYX	444.675 +		☺
ROCKPORT	KD4BOH	442.675 +		
ROCKPORT	KD4BOH	444.075 +	T77.0	
SALEM	KC4VXR	444.825 +	T100.0	
SALVISA	KF4AWA	444.675 +	T203.5	☺
SALVISA	KC4UPE	444.875 +	T167.9	☺
SALYERSVILLE	KE4NLL	444.050 +	T127.3	☺
SHELBYVILLE	KE4YRE	442.375 +		☺
SHEPHERDSVILLE	KD4YGK	444.400 +	PROP	☺
SIMPSONVILLE	KO4OT	444.450 +	T100.0	☺
SPRINGFIELD	WA4SJH	444.600 +		
STANTON	N4VOS	442.075 +		
VERSAILLES	KF4INN	443.775 +		
WADDY	KS4TO	443.225 +		☺
WALTON	K4CO	444.350 +		☺
WILLIAMSBURG	KB4PTJ	444.050 +	PROP	☺

MISSISSIPPI

6 METERS

BYHALIA	N4DRL	53.270 -	T	☺
ELLISVILLE	N5EKR	53.010 -	T	
LAUREL	KC5PIA	53.450 -		☺
MENDENHALL	K5HYE	53.050 -	PROP	☺
NETTLETON	AB5MU	53.050 -	PROP	☺

2 METERS

ABERDEEN	WB5USN	147.270 +		
ACKERMAN	NO5N	147.120 +		
AMORY	KB5DWX	146.940 -	T192.8	
AMORY	KB5DSN	147.090 +		
BAY ST. LOUIS	WB4FUR	146.700 -		
BILOXI	KC5IF	146.730 -		
BILOXI	K5TYP	146.790 -		
BOONEVILLE	K5YD	145.190 -		
BOONEVILLE	KI5WI	147.150 +		
BUDE	K5JMD	146.850 -	T103.5	☺
BYHALIA	N4DRL	145.330 -		☺
BYHALIA	N4DRL	147.225 +		☺
CHATAWA	WB5GOJ	145.310 -		☺
COLLINS	N5LRQ	146.985 -	T136.5	
COLUMBUS	KC5ULN	146.625 -		☺
COLUMBUS	KC5ULN	147.000 +		☺
CORINTH	WB5VOJ	146.925 -	T107.2	
CORINTH	K5UFH	147.000 -		
CORINTH	KB5TGA	147.285 +		☺
D'IBERVILLE	KC5IF	145.410 -		
ELLISVILLE	N5EKR	146.955 -	T	
ELLISVILLE	N5DWU	146.865 +	T136.5	☺
ELLISVILLE	N5DWU	146.895 +	T136.5	☺
FOREST	KC5QHP	147.390 +	T100.0	☺
#FRENCH CAMP	W5BJT	147.225 +	UNCOR	
FULTON	WX5P	145.450 -		☺
GLOSTER	KA5BEE	145.430 -	T136.5	
GREENVILLE	KG5SF	147.345 +		☺
GRENADA	W5LV	146.700 -		☺
GULFPORT	KA5VFU	147.375 +		☺
HATTIESBURG	W5CJR	145.190 -	T136.5	
HATTIESBURG	K5IJX	145.370 -	136.5	
HATTIESBURG	W5CJR	146.775 -	T136.5	
HATTIESBURG	W5CJR	147.360 +		
HERNANDO	K5VV	146.910 -		
ISOLA	KC5OB	146.955 -		
JACKSON	W5AXQ	146.760 -		☺
JACKSON	K5QNE	146.880 -	T100.0	☺
JACKSON	KA5SBK	146.940 -	100.0	☺
JACKSON	W5IQ	147.000 +	T	☺
JACKSON	NC5Y	147.075 +	T	
LAUREL	KC5QZW	146.610 -		☺
LAUREL	WV5D	147.030 -	T	☺
LAUREL	KC5RC	147.255 +		
MADISON	K5XU	146.640 -		☺
MAGEE	K5HYE	146.820 -	100.0	☺
MAGEE	KA5LNY	147.300 +		☺
MCCOMB	K5JMD	146.940 -	T	☺
MCLAIN	KC5QYG	145.230 -	PROP	
MENDENHALL	K5HYE	145.110 -	T100.0	☺
MENDENHALL	KB5IKR	145.210 -	T100.0	
MERIDIAN	KC5ZZH	146.655 -		☺
MERIDIAN	W5FQ	146.700 -		
MERIDIAN	KI5FW	146.970 -	100.0	☺
MONTICELLO	N5JHK	147.015 +		
MOOREVILLE	WB5NAY	146.640 -		
NATCHEZ	W5KHB	146.685 -		
NATCHEZ	K5OCM	146.910 -		
NATCHEZ	K5SVC	147.360 +		
#NEW ALBANY	KC5VZI	145.230 -	UNCOR	
NEW ALBANY	K5DGL	146.670 -		☺
NEW HEBRON	N5MRS	147.090 +	T	☺
OCEAN SPRINGS	W5LDD	147.030 +		☺
OKOLONA	KC5NIX	145.110 -		
OLIVE BRANCH	KA5WMH	145.350 -		
OXFORD	KF4SCT	145.470 -	T107.2	☺
PASCAGOULA	W5WA	145.110 -	T123.0	
PASCAGOULA	N5PH	146.970 -	T	

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

MISSISSIPPI REPEATERS CONTINUE

PEARL/RANKIN CO	KF5IZ	147.150 +	T88.5	
PETAL	N5DWU	145.170 -	T136.5	☺
PHILADELPHIA	N5EPP	147.330 +		
PICAYUNE	K5LFP	145.150 -		
PICAYUNE	K5LFP	147.180 +		
POLKVILLE	KB5LCL	147.045 +	T141.3	
PORT GIBSON	KE5WO	146.625 -		
PURVIS	KB5ZCX	146.670 -		
RICHTON	N5OCF	147.060 +	T	
SENATOBIA	KB5DMT	146.985 -	T	
SHARON	N5ZQC	145.450 -	T100.0	☺
SOUTHAVEN	N5PYQ	145.370 -	T107.2	
STARKVILLE	KD5GVU	146.730 -	210.7	
STARKVILLE	KF5C	146.805 -	192.8	
#SUMNER	WB5FXH	147.090 +	UNCOR	
SUMRALL	KA5FYW	147.195 +		
TUPELO	N5VGK	145.490 -		
TUPELO	N5ELS	147.240 +		
UNION	N5SPJ	147.210 +	T100.0	
UTICA	N5ZMZ	145.350 -		☺
UTICA	N5ZMZ	147.345 +		
VICKSBURG	WJ5L	145.290 -		
VICKSBURG	K5ZRO	147.270 +	T100.0	☺
VOSSBURG	KB5UIX	147.135 +	136.5	
WALLS	N5NBG	145.270 -	T162.2	
WATER VALLEY	N5DXM	147.000 -		
WAYNESBORO	KB5SAR	147.105 +		
WAYNESBORO	N5DWU	147.315 +		☺
WEST POINT	KC5LIO	147.180 +		
WIGGINS	KB5DZJ	145.270 -	T136.5	☺
WINONA	N5EYM	146.970 -		

220 MHZ

BYHALIA	N4DRL	224.500 -		☺
VICKSBURG	WB5OWY	224.780 -		
WARSAW	N4DRL	224.880 -		☺
WAYNESBORO	KB5SAR	224.140 -		

440 MHZ

ABERDEEN	KD5AHI	444.450 +		
AMORY	KB5DSN	444.825 +		
BILOXI	W5OXA	443.925 +		
BYHALIA	N4DRL	444.300 +		☺
CLERMONT HARBR	WD5BJT	444.150 +		
CLINTON	KG5YV	444.000 +	T100.0	☺
ELLISVILLE	N5DWU	442.200 +	T167.9	☺
ELLISVILLE	N5DWU	442.250 +	T167.9	☺
GAUTIER	KA5NOJ	911.250 -		☺
GAUTIER	KA5NOJ	426.250 +		☺
GAUTIER	KC5LCW	443.450 +	123.0	☺
GLOSTER	N5ZNS	443.825 +		
GREENVILLE	N5PS	444.675 +		
HATTIESBURG	W5CJR	443.700 +	T136.5	
HAZLEHURST	N5ZDF	443.950 +	T100.0	
HEIDELBERG	KC5RC	444.300 +	T100.0	
HICKORY FLAT	W4ZCD	444.725 +	T179.9	
INDIANOLA	AB5DU	444.850 +	136.5	
JACKSON	KB5LCL	444.450 +	T141.3	
JACKSON	KB5CO	444.600 +	T100.0	☺
JACKSON	NC5Y	444.700 +		
JACKSON	KB5CO	444.800 +		
LAUREL	AJ0X	443.500 +		☺
MCCOMB	N5HTQ	444.875 +	T100.0	
MENDENHALL	K5HYE	443.600 +		☺
MERIDIAN	KB5BRZ	444.100 +	131.8	☺
MERIDIAN	KI5FW	444.500 +		
NATCHEZ	N5IAT	443.800 +		
NETTLETON	AB5MU	444.625 +	PROP	☺
NEW ALBANY	WB5YCR	444.150 +		☺
NEW HEBRON	N5NNI	444.525 +	T	☺
PEARL	KB5HAV	444.375 +	T88.5	
PETAL	W5PAW	443.350 +	T	
PHILADELPHIA	WB5YGI	444.950 +		☺
PICAYUNE	KE5LT	443.725 +	T179.9	☺
PINOLA	KC5LXF	444.850 +		
PORT GIBSON	KC5CLM	444.575 +	T141.3	☺
RICHTON	N5OCF	444.625 +		
SOUTHAVEN	N5PYQ	444.925 +	T107.2	
STARKVILLE	W5VZF	444.750 +		
STENNIS SPC CEN	WB4FUR	444.650 +		
TUPELO	N5VGK	444.950 +	T192.8	
VICKSBURG	WB5TTE	444.925 +		
VOSSBURG	N5LRQ	442.725 +	T167.9	
WALLS	N5NBG	444.650 +		
WAYNESBORO	KB5SAR	443.550 +		
WEST POINT	N5WXD	443.450 +		☺
WIGGINS	KB5DZJ	443.300 +	167.9	☺

NORTH CAROLINA

10 METERS

HIGH POINT	KE4QOX	29.640 -	PROP	
NEWPORT	K4GRW	29.660 -	PROP	
ROCKY MOUNT	N4JEH	29.660 -		☺
THOMASVILLE	WW4DC	29.680 -	88.5	☺
WILKESBORO	KC4XE	29.620 -		☺
ZEBULON	WB4IUY	29.620 -		☺

6 METERS

ASHEVILLE	WD4BQW	53.270 -		
BARIUM SPRINGS	WA4WRS	53.670 -	PROP	☺
BOONE	WA4NC	53.790 -	PROP	
CHAPEL HILL	W4UNC	53.450 -	T	
CLAREMONT	WB4SRV	53.810 -	PROP	
CLINTON	N4ZHC	53.330 -		
EFLAND	WA1YYN	53.410 -	T107.2	☺
FAYETTEVILLE	W4EBM	53.810 -		☺
GASTONIA/CRWDR	N4XTF	53.110 -		☺
#GRANDFATHER MT	WA4PXV	53.050 -	UNCOR	
HENDERSONVILLE	WA4FOT	53.130 -	T131.8	☺
KVILLE/HIPOINT	KF4QDS	53.590 -	T103.5	
LUMBERTON	KD4BGD	53.110 -		☺
MARS HILL	WB4PLA	53.090 -		
MT MITCHELL	K4JWJ	53.630 -	T100.0	☺
MT.AIRY/FANCY GP	KD4FWS	53.070 -	T100.0	☺
MT.AIRY/FANCY GP	KD4FWS	53.970 -	PROP	☺
NEWPORT	K4GRW	53.010 -	PROP	
PITTSBORO	KD4JFN	53.230 -	T107.2	☺
RALEIGH	K4ITL	53.030 -		
#RANLO	KC4YOZ	53.390 -	UNCOR	
REELSBORO	KF4IXW	53.090 -	T162.2	☺
ROCKY MOUNT	N4JEH	53.050 -		☺
ROCKY MOUNT	KC4SBJ	53.650 -	PROP	
SOPHIA/RANDLMN	WR4BEG	53.350 -		
THOMASVILLE	KE4QOX	53.010 -	T88.5	☺
THOMASVILLE	WW4DC	53.170 -	88.5	☺
THOMASVILLE	WW4DC	52.525 +	T88.5	☺
W. JEFFERSON	K4JWJ	53.330 -	T100.0	
#WEST JEFFERSON	WA4PXV	53.750 -	UNCOR	
WILLIAMSTON	K4SER	53.310 -	PROP	
WILMINGTON	AD4DN	53.430 -	T88.5	☺
YOUNGSVILLE	KD4MYE	53.370 -	T	☺
ZEBULON	WB4IUY	53.070 -	88.5	☺

2 METERS

AHOSKIE	WA4ZGQ	146.910 -	T131.8	☺
ALBEMARLE	K4OGB	146.985 -		☺
ANDRWS/ROBNSVL	K4AIH	147.045 -	T151.4	☺
ANDSN MT/DENVER	K4CCR	145.170 -	88.5	☺
AQUADALE	WA4CHZ	147.390 +		
ASHEBORO	KJ4AV	147.255 +		☺
#ASHEVILLE	WB4PLA	146.835 -	UNCOR	
ASHVL/MT PISGAH	WA4BVW	146.760 -		☺
ASHVL/SPIVEY MT	W4MOE	146.910 -	91.5	☺
BAKERSVILLE	KC4WPM	145.310 -		
BANER ELK/SUGAR	N4WET	146.625 -		☺
BEULAVILLE	N4VBH	145.230 -		
BOONE/RICH MTN	WA4J	147.360 +	T103.5	☺
BREVARD	K4HXZ	147.135 +		
BROADWAY	K4ITL	147.105 +		☺
BURGAW	W4DLH	146.940 -		
BURLINGTON	K4FHB	146.670 -		☺
BURNSVILLE	KD4WAR	146.955 -		
BURNSVILLE	KD4WAR	147.375 +		
BUTNER	N4NCK	145.370 -		☺
BUTNER	WA4IZG	146.940 -	T156.7	
BUXTON	K4USB	146.625 -	131.8	☺
CANTON	W4DJB	146.805 +		
CARTHAGE	W2SE	147.240 +		☺
CHAPEL HILL	W4UNC	145.230 -	T131.8	
CHAPEL HILL	K4ITL	147.135 +	PROP	
CHARLOTTE	W4BFB	145.230 -		☺
CHARLOTTE	W4BFB	145.290 -		☺
CHARLOTTE	WA4AOS	145.350 -		☺
CHARLOTTE	W4BFB	146.940 -		☺
CHARLOTTE	W4CQ	147.060 -		☺
CHARLOTTE	W4CQ	147.270 +		☺
CLAREMONT	WB4SRV	147.225 +	PROP	
CLAYTON	KO4XC	145.290 -	T	☺
CLAYTON	WB4IUY	147.390 +	T88.5	☺
CLINTON	K4OAR	146.790 -		
COINJOCK	WN3X	145.290 -	PROP	
COLUMBIA	KB4TOH	146.835 -	T131.8	☺
CONCORD/KANNAP.	K4CEB	146.655 -		☺
CROSSNORE	KD4GLB	146.700 -	167.9	
DUNN	N4CID	146.700 -		☺
DURHAM	WR4AGC	145.450 -		☺
DURHAM	WD4LDB	147.360 +		☺
EDEN/STONEVILLE	WA4QBG	147.390 +		
EFLAND	WA1YYN	147.180 +	T156.7	☺
ELIZABETH CITY	WA4VTX	146.655 -		☺
ELM CITY	K2IMO	145.150 -	T88.5	
FARMVILLE	K4ROK	145.270 -	T131.8	☺
FAYETTEVILLE	N4EWG	146.805 -		☺
FAYVLLE/CFARS	WB4YZF	146.910 -	100	☺
FAYVLLE/FT BRAGG	W4LPL	147.330 +		☺
FOREST CITY	WA4BKU	146.670 -		
FOREST CITY	W4SIJ	147.240 +	T123.0	☺
FRANKLIN	NT4K	145.490 -		
GASTONIA/CRWDR	K4GNC	146.805 -		☺
GIBSONVILLE	WB4IKY	145.490 -	T107.2	☺
GOLDSBORO	KK4YP	145.330 -	T100.0	☺
GOLDSBORO	K4CYP	146.850 -	T	☺
GRAHAM	K4GWH	147.375 +	T114.8	☺
GREENSBORO	W4GSO	145.150 -		☺
GREENSBORO	K4GWH	146.760 -	T88.5	☺
GREENSBORO	W4GG	147.030 +	T131.8	☺
GREENSBORO	W4BUZ	147.210 +		
GREENSBORO/LVLX	NC4FR	145.250 -	T88.5	☺
GREENVILLE	WD4JPQ	145.350 -	T131.8	☺
#GREENVILLE	KC4UMO	147.375 +	UNCOR	
GREENVL/ESTN NC	W4GDF	147.090 +		☺
GRIFTON	W4NBR	146.685 -	88.5	☺
HATTERAS ISLAND	KE4ZTD	145.150 -	T131.8	☺
HAW RIVER	KD4JFN	146.715 -	T107.2	☺
HENDERSONVILLE	WB4YAO	146.640 -		☺
HENDERSONVILLE	WA4KNI	147.105 +		
HENDSVL/BERWLW	WA4KNI	145.270 -		
HENDSVL/PENIC	WA4KNI	147.255 +		
HICKORY/BRT. MT	WA4DSZ	146.850 -		
HIGH PEAK MTN	K4OLC	145.210 -	94.8	☺
#HIGH POINT	KB4BPV	145.290 -	UNCOR	
HIGH POINT	N4XO	145.410 -		☺
HIGH POINT	N4NNR	146.835 +		
HIGH POINT	W4UA	147.165 +		☺
HILLSBOROUGH	WR4AGC	147.225 +		☺
JACKSONVILLE	KA4SQN	145.190 -		
JACKSONVILLE	WD4FVO	147.000 -		
JEFFERSON	KK4X	147.300 +	T103.5	☺
KILL DEVIL HILLS	W4PCN	145.110 -	131.8	
KINSTON	W4OIX	145.470 -		☺
LAURINBURG	KI4RR	146.625 -		☺
#LENOIR	N4NIN	147.195 +	UNCOR	☺
LENOIR/HIBRITN	KN4K	147.330 +	T141.3	☺
LEXINGTON	WD4IIP	145.310 -	T88.5	
LEXINGTON	K4IZM	146.910 -		☺
LINCOLNTON	KF4OGO	147.015 +		☺
#LUMBERTON	W4NHV	145.150 -	UNCOR	☺
LUMBERTON	W4NHV	147.045 +		☺
LUMBERTON	KD4PBK	147.165 +	T88.5	☺
LUMBERTON	W4PET	147.360 +		☺
MACO	WA4LED	147.060 +	T88.5	☺
MADISON	WA4IXW	147.345 +	T103.5	
MANTEO/WANCHES	W4ACY	146.940 -		
MARION	WD4PVE	146.985 -	118.8	
MIDWAY	KM4AR	145.270 -	T77.0	☺
MILLERS CREEK	N4GGN	146.715 -		☺
MONROE/UCARS	N4ZVN	145.390 -		
MORGANTON	KC4QPR	146.745 -	PROP	
MORGANTON	K4VLY	147.150 +		☺
MOUNT AIRY	N4VRD	145.330 -	T100.0	☺
MOUNT AIRY	AD4T	146.940 -	T100.0	☺
MOUNT AIRY	N4XRY	146.970 -		☺
MT MITCHELL	WA4BVW	145.190 -		☺
MURPHY/STALCUP	KB4YSX	146.865 +	T151.4	☺
N. WILKESBORO	N4AGN	145.370 -		☺
NEW BERN	WD4JMS	146.610 -	T100.0	☺
NEWPORT	K4GRW	145.450 -		
NEWTON	K4CCR	147.075 +	T88.5	☺
OXFORD	N4NCK	145.170 -		☺
PITTSBORO	KD4JFN	147.075 +	T107.2	☺
RAEFORD	KU4W	145.430 -	118.8	☺
RALEIGH	W4RNC	145.130 -	T88.5	☺
RALEIGH	K4GWH	145.190 -	T156.7	☺
RALEIGH	WB4TQD	145.390 -	T82.5	☺
RALEIGH	W4BWC	145.490 -	T88.5	☺
RALEIGH	WB4TOP	146.610 -	T131.8	☺
RALEIGH	W4DW	146.640 -	T88.5	☺
RALEIGH	W4BWC	146.730 -	T88.5	☺
RALEIGH	NC4SU	146.775 -	T88.5	☺
RALEIGH	WB4TQD	146.880 -		☺
RALEIGH	KD4MYE	147.015 +		☺
RALEIGH	KO4CW	147.195 +	T88.5	
RALEIGH BENSON	AK4H	147.270 +	T100.0	☺
RED SPRINGS	W4MZP	147.300 +		☺
REIDSVILLE	KE4YVP	146.850 -	T103.5	
ROANOKE RAPIDS	KB4DJT	147.030 +		
ROANOKE RAPIDS	K4ITL	147.150 +	PROP	
ROARING GAP	WB4PZA	146.820 -		☺
ROBBINSVILLE	KR4RR	145.110 -	T151.4	☺
ROCKINGHAM	K4RNC	146.955 -		☺
ROCKY MOUNT	W4DCG	146.805 -	T118.8	☺
ROCKY MOUNT	WN4Z	147.120 +	131.8	☺
ROLLESVILLE	KF4HFQ	147.315 +	T88.5	
ROSEBORO	K4ITL	145.310 -		☺
SALISBURY	W4EXU	146.730 -	T94.8	☺
SAURATOWN MT	W4NC	145.470 -	T100	☺
SAURATOWN MT	KK4AT	146.790 -	T107.2	☺
SAURATOWN MT	K4MPJ	147.315 +	T100.0	☺
SHALLOTTE	K4PPD	145.370 -		☺
SHALLOTTE	K4PPD	147.315 +		☺
SHALLOTTE	K4PPD	147.390 +		☺
SHELBY	W4NYR	146.880 -		
SHELBY	W4NYR	147.345 +		
SMITHFIELD	K4WGG	146.970 -		
SOUTHPORT	K4JYH	146.775 -		☺
SPARTA/GREEN MT	K4QFQ	145.430 -		☺
STATESVILLE	KE4WSX	146.685 -		☺
STATESVILLE	KE4MJC	147.045 +	T77.0	☺
SWANSBORO	KO4S	146.760 -		☺
SYLVA	KF4DTL	147.345 +	151.4	
THOMASVILLE	WW4DC	147.000 +	T88.5	☺
TRENTON	WB4TQD	145.210 -		☺
TRYON	KF4JVI	145.330 -		☺
WADESBORO	W4USH	146.835 -		☺

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
# and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

N. CAROLINA REPEATERS CONTINUE

WASHINGTON	WA4TEP	147.345 +		☺
WAXHAW	WA4ZRS	146.865 +	T94.8	☺
WAYNESVILLE	N4SM	147.270 +		☺
WAYNESVILLE	KE4JMH	147.390 +		☺
WHITEVILLE	W4NTQ	147.210 +		☺
WILLIAMSTON	K4SER	145.410 -	T131.8	☺
WILMINGTON	AD4DN	146.670 -	T88.5	☺
WILMINGTON	W4VNK	146.730 -		☺
WILMINGTON	K4GMP	146.820 -	T88.5	☺
WILMINGTON	WA4US	147.135 +	T67.0	☺
WILMINGTON	AC4RC	147.180 +	T88.5	☺
WILSON	WB4THL	146.760 -	131.8	
WILSON	WB4IUY	147.300 +	T88.5	☺
WINSTON-SALEM	W4NC	146.640 -	T100	☺
YADKINVILLE	N4YSB	147.015 -		☺
YOUNGSVILLE	KD4MYE	145.110 -	88.5	☺

220 MHZ

ANDRWS/ROBINSVL	K4AIH	224.880 -	T	☺
ASHEVILLE	WB4PLA	224.600 -		
ASHVL/MT PISGAH	WA4BVW	224.260 -		☺
BANNER ELK	WA4NC	224.840 -	PROP	
BARIUM SPRINGS	WA4WRS	224.300 -		☺
BIG KNB/MARS HIL	KE4RQL	224.660 -	100.0	
BURNSVILLE	KD4WAR	224.740 -	PROP	
CANTON	N4DWU	224.820 -		☺
CHARLOTTE	W4BFB	224.400 -		☺
CHERRYVILLE	KC4ZTJ	224.960 -		
CLEMMONS	WB9SZL	224.700 -	T100.0	☺
DUNCAN	KM4TC	224.700 -	T88.5	
EDEN	WA4WGY	224.780 -	T103.5	
EFLAND	WA1YYN	224.660 -	T107.2	☺
FAYETTEVILLE	WB4YZF	224.560 -		☺
GASTONIA	KC4IRA	224.620 -	T127.3	
GOLDSBORO	W3CH	224.960 -	T156.7	☺
GREENSBORO	WB4GUG	224.440 -	T107.2	☺
GREENSBORO	N4QVI	224.960 -		
GRIFTON	WA4DAN	224.840 -		☺
#GRIMESLAND	WB4PAC	224.360 -	UNCOR	☺
HAW RIVER	KD4JFN	224.620 -	T107.2	☺
HENDSVL/BERWLW	WA4KNI	224.240 -		
HIGH POINT	KC4KUL	224.600 -		
HILLSBOROUGH	WR4AGC	224.260 -		☺
JACKSONVILLE	KA4SQN	224.320 -		
KVILLE/HIPOINT	KE4QOX	224.240 -	PROP	
KVILLE/HIPOINT	KD4LHP	224.820 -	T107.2	
LENOIR/HIBRITN	KN4K	224.160 -		☺
LEXINGTON	KR4HJ	224.520 -	PROP	
LOCUST	W4DEX	224.480 -		☺
MARSHALL	KA4TYO	224.360 -	T	
MT MITCHELL	WA4BVW	224.540 -		☺
OXFORD	N4NCK	224.740 -		☺
PLYMOUTH	KB7BTU	224.760 -	PROP	
RALEIGH	WA4PEN	224.640 -		☺
ROCKY MOUNT	NF4C	224.220 -		☺
ROCKY MOUNT	KR4AA	224.580 -		☺
SALISBURY	W4EXU	224.760 -		☺
SHELBY	W4NYR	224.060 -		
SHELBY	KC4ZTJ	224.460 -		
SOPHIA/RANDLMN	WR4BEG	224.140 -	T	
SUNSET BEACH	N4LV	224.660 -		☺
THOMASVILLE	WW4DC	224.340 -	T88.5	☺
TRENTON	WA4DAN	224.720 -		☺
WILMINGTON	WA4US	224.200 -	T	☺
WILMINGTON	K4YNY	224.500 -	T88.5	
#WINSTON-SALEM	WA4RQF	224.580 -	UNCOR	☺
WINSTON-SALEM	WA4RQF	224.640 -		☺
ZEBULON	KD4WJD	224.800 -	T88.5	☺

440 MHZ

ANDRWS/ROBINSVL	WD4NWV	442.600 +	T151.4	☺
ANDRWS/ROBINSVL	K4AIH	443.650 +	T	☺
ANDSN MT/DENVER	K4CCR	444.075 +		☺
ARCHDALE	KC4SVQ	443.300 +		
ASHEBORO	WD4ICX	442.325 +		
ASHEBORO	KD4JYV	444.300 +	PROP	
ASHEBORO	KQ4ML	444.975 +		☺
ASHEVILLE	WA4TOG	442.550 +		
ASHEVILLE	N4DWT	444.900 +		
AUBURN	N4ZCM	442.275 +		
BAKERSVILLE	KM4GR	442.750 +		
BREVARD	KA7JXU	442.850 +		
BURNSVILLE	KD4WAR	443.650 +		
CANTON	KE4UIU	443.475 +	T156.7	
CARY	K4ZAD	441.900 +	PROP	
CARY	K4JDR	444.775 +	T100.0	
CASTALIA	N4JEH	444.975 +	PROP	
CASTLE HAYNE	KE4JSZ	442.075 +	T88.5	
CHAPEL HILL	W4UNC	442.150 +	T	
CHAPEL HILL	W4UNC	443.475 +	T131.8	
CHARLOTTE	W4PPN	421.250 +		☺
CHARLOTTE	W4CQ	444.450 +		☺
CHARLOTTE	W4BFB	444.600 +	T100.0	☺
CHARLOTTE	W4WBT	444.675 +		☺
CHARLOTTE	W4CQ	444.850 +		☺
CLAREMONT	WB4SRV	443.775 +	T118.8	
CLINTON	N4ZHC	441.700 +	T131.8	
COLFAX	KS4SB	442.200 +	PROP	
COLUMBIA	KB4TOH	443.300 +		☺
CRAB CREEK TWP	KB4PQA	443.125 +		
DALLAS/CHARLTE	WA1WXL	444.950 +	T136.5	☺
DALLAS/CLT	KC4YOZ	443.850 +	T100.0	
DURHAM	WR4AGC	444.100 +		☺
DURHAM	KB4WGA	444.925 +	T156.7	
DURHAM TV HILL	KJ4SO	421.250 +		☺
EFLAND	WA1YYN	442.050 +	T107.2	☺
ELIZABETH CITY	WA4VTX	444.300 +	T131.8	☺
FAYETTEVILLE	WB4YZF	444.400 +	100HZ	☺
FOREST CITY	KC4YOQ	444.400 +		
FRANKLIN	KE4JMH	444.375 +	T131.8	
G'BORO/H'POINT	WD4PQZ	443.500 +	T77.0	
GASTONIA/CRWDR	KC4ZTI	443.750 +		
GASTONIA/CRWDR	KE4GTM	444.150 +		☺
GASTONIA/CRWDR	KC4YOT	444.750 +		☺
GIBSONVILLE	WB4IKY	443.025 +	T107.2	☺
GIBSONVILLE	WB4IKY	444.350 +	T107.2	☺
GOLDSBORO	W3CH	443.050 +	T156.7	☺
GRAHAM	K4GWH	443.725 +	T156.7	☺
GRAINGERS	WD6GMQ	443.250 +		☺
#GRANDFATHER MT	WA4PXV	443.575 +	UNCOR	
GRANTSBORO	KR4LO	444.350 +		☺
GREENSBORO	KO4AT	421.250 +		☺
GREENSBORO	WG4R	442.725 +		☺
GREENSBORO	W4GSO	442.875 +	PROP	
GREENSBORO	KD4DNY	443.650 +		☺
GREENSBORO	K4GWH	444.225 +	T146.2	☺
GREENSBORO	KD4DNY	444.475 +	107.2	☺
GREENVILLE	WB4PMQ	444.800 +	T131.8	☺
#HAMLET	W4DEX	443.200 +	UNCOR	☺
HATTERAS ISLAND	KE4ZTD	444.925 +	T131.8	☺
HAW RIVER	KD4JFN	443.775 +	T107.2	☺
HENDERSON	KB4WGA	444.375 +	PROP	
HENDERSONVILLE	WA4TOG	442.450 +		☺
HENDSVL/BERWLW	WA4KNI	444.250 +		
HICKORY	K4JEQ	444.000 +		☺
HICKORY	KF4LUC	444.800 +	T94.8	
HIGH POINT	W4UA	443.900 +		☺
HIGH POINT	KD4JFN	444.025 +	T107.2	☺
HILLSBOROUGH	WA1YYN	443.950 +	PROP	
HILLSBOROUGH	WR4AGC	444.450 +	PROP	
#JACKSONVILLE	KE4JDP	444.675 +	UNCOR	
#KING/SAURATOWN	KE4QEA	444.200 +	UNCOR	☺
KINSTON	N4HAJ	444.575 +	T88.5	
KVILLE/H POINT	KE4QOX	443.700 +	T103.5	
KVILLE/HIPOINT	KF4IXK	443.325 +	T131.8	
LAKE GASTON	KF5TU	442.350 +	T100.HZ	☺
LEICESTER/AVL	KF4TLA	443.275 +	103.5	
LENOIR/CAJAH MT	N4EUX	443.525 +		☺
LEXINGTON	KB8OED	442.275 +	PROP	
LEXINGTON	N4TZD	442.425 +	T	☺
LEXINGTON	K4AE	442.925 +	T	☺
LEXINGTON	WD4ICX	444.500 +		
LILLINGTON	W4FBC	444.175 +	PROP	
LINCOLNTON	WA4YGD	442.350 +		☺
LOCUST	WA4LBT	443.700 +		☺
LOUISBURG	KD4BFI	444.250 +	88.5	
LUMBERTON	WB4DVN	444.625 +		
LUMBERTON	KD4BGD	444.700 +	T114.8	☺
MAYODAN	WA4WGY	443.975 +		
MCLEANSVILLE	WB4GUG	444.125 +	T	☺
MIDDLESEX	NE4J	444.650 +	T179.9	
MONROE	N4ZVN	444.425 +	T94.8	
MORG/WALKER TOP	KC4QPR	442.300 +		
MORGANTON	KC4QZL	443.800 +	T	☺
MOUNT AIRY	N4XRY	444.925 +		☺
MT AIRY/FSH PK	KF4UY	444.825 +	T100.0	☺
MT MITCHELL	N4DWU	443.600 +		☺
NEW BERN	WD4JMS	444.900 +	T100.0	☺
NEWPORT CCARS	W4YMI	444.975 +		
NEWTON	KE4KIV	442.625 +		
OLD FORT	KR4EX	444.775 +		
OXFORD	KC4WXA	444.600 +		
PIKEVILLE	KK4YP	443.000 +	PROP	☺
PINEY KNOB	KC4KPW	443.875 +	T103.5	
PITTSBORO	K1BUD	442.550 +	T	☺
PITTSBORO	KD4JFN	444.750 +	T146.2	☺
POLKVILLE	KC4ZTJ	444.975 +		
RALEIGH	N4LMR	442.450 +		
RALEIGH	W4MLU	442.575 +	T156.7	
RALEIGH	KD4RAA	442.675 +	100.0	☺
RALEIGH	WA4NNA	443.125 +		☺
RALEIGH	N4ZCM	443.225 +	T	
RALEIGH	W1IFL	443.375 +	T	
RALEIGH	WA4PEN	444.525 +	T88.5	☺
RALEIGH	K4GWH	444.825 +	T146.2	☺
RALEIGH	KD4RAA	444.875 +	T162.2	☺
RALEIGH	W4DW	444.950 +		☺
REIDSVILLE	K4YEC	444.800 +	T107.2	
RES. TRIANGLE PK	WA1YYN	443.425 +	T156.7	☺
RESEARCH TRI PK	KD4IHW	444.675 +		☺
ROANOKE RAPIDS	KK4VM	444.550 +	T192.8	
ROARING GAP	KC4XE	443.550 +		☺
ROCKY MOUNT	N4JEH	443.700 +	PROP	
ROCKY MOUNT	N4JEH	444.700 +		☺
ROUGEMNT/RED MT	WA4WTX	443.275 +	100.0	☺
RTP	W4EUS	443.625 +		
SALISBURY	W4HG	443.150 +		
#SALISBURY	N4MME	444.650 +	UNCOR	
SANFORD	W4RNR	442.375 +		☺
SAURATOWN MT	WA1YYN	442.825 +	PROP	
SAURATOWN MT	WW4DC	443.100 +	T88.5	☺
SAURATOWN MT	WB4GUG	443.400 +	T107.2	☺
SELMA	KK4YP	444.000 +		☺
SEVEN SPRINGS	K4JDR	444.150 +	T100.0	
#SHELBY	W4NYR	427.250 +	UNCOR	
SOPHIA/RANDLEMN	WR4BEG	443.075 +		
SOUTHERN PINES	KD4QMS	444.800 +	T118.8	
SPINDALE	KC4IEV	443.300 +	T123.0	☺
SPIVEY'S CORNER	KD4DMS	442.875 +		☺
STATESVILLE	N4VOZ	443.450 +		
STATESVILLE	AE4GA	444.700 +	PROP	
TARBORO	N4JEH	444.500 +	T100.0	☺
TAYLORSVILLE	KF4CYI	441.625 +	PROP	
TAYLORSVILLE	KF4CYI	441.725 +	PROP	
TAYLORSVILLE	KF4CYI	442.950 +	T173.8	☺
TAYLSVL/BARR MT	K4OLC	444.050 +	PROP	☺
THOMASVILLE	WW4DC	442.900 +	T88.5	☺
WAXHAW	WA4ZRS	444.525 +	PROP	
WAYNESVILLE	KE4JMH	444.450 +		☺
WEST JEFFERSON	WA4PXV	442.375 +		
WILKESBORO	KE4DGP	442.475 +	T107.2	
WILLIAMSTON	K4SER	444.250 +	T131.8	☺
WILMINGTON	WA4US	442.175 +		☺
WILMINGTON	WA4US	442.200 +	T	☺
WILMINGTON	K4YNY	442.500 +	T88.5	
WILMINGTON	AD4DN	443.400 +	T88.5	☺
WILMINGTON	WA4US	443.850 +		☺
WILMINGTON	WA4US	443.950 +		☺
WILMINGTON	WA4US	444.200 +		☺
WILMINGTON	WA4US	444.450 +		☺
WILMINGTON	WA4US	444.650 +		☺
WILMINGTON	K4GMP	444.850 +	T88.5	☺
WILSON	NE4J	444.900 +	T179.9	
WINSTON-SALEM	W4NC	444.275 +	PROP	☺
WINSTON-SALEM	KD4MMP	444.725 +	T107.2	☺
#WINSTON-SALEM	WA4RQF	444.775 +	UNCOR	☺
YADKINVILLE	N4AAD	442.800 +	T100.0	☺
YOUNGSVILLE	KD2LH	443.200 +	T88.5	☺
ZEBULON	WB4IUY	442.300 +	88.5	☺
ZEBULON	KD4WJD	442.400 +		☺

920 MHZ

RALEIGH	W4FAL	920.800 -	T156.7	☺

1270 MHZ

#CHARLOTTE	W4PPN	1253.250 +	UNCOR	☺
GASTONIA/CRWDR	KE4GTM	1292.820 -		☺
GREENSBORO	KB4SXY	1291.400 -		☺
ZEBULON	WB4IUY	427.250 +		☺

SOUTH CAROLINA

BEACON

RKY RDG/WALLACE	W4APE	29.600 -		☺

10 METERS

SUMTER	W4GL	29.660 -		☺

6 METERS

BLYTHEWOOD	N0WFL	53.010 -	PROP	
CHESTER	KF4SXO	53.290 -	PROP	
GILBERT	KC4GYM	53.270 -	T162.2	
GVL/CSR'S HEAD	KO4MZ	53.410 -	T131.8	☺
LITTLE MOUNTAIN	KN4AS	53.190 -	PROP	
MOUNTAIN REST	KF4IWA	53.590 -		
SUMTER	W4GL	53.770 -		☺

2 METERS

ADAMS RUN (CHAS).	N7GZT	147.345 +		☺
AIKEN	N4ADM	147.285 +		☺
ANDERSON	N4AW	146.970 -		☺
ANDERSON/SAS MT	N4AW	146.790 -		☺
AWENDAW	K4LWS	147.300 +	T103.5	
BAMBERG	WA4DFP	145.330 -		☺
BARNWELL	KF4CVO	147.030 +	T156.7	☺
BEAUFORT	KD4KOJ	145.310 -		☺
BEAUFORT	KD4KOJ	146.655 -		☺
BISHOPVILLE	W4APE	146.925 -		☺
BLYTHWOOD	N0WFL	147.000 -		
CHARLESTON	WA4USN	145.250 -	123.0	☺
CHARLESTON	WA4USN	146.790 -		☺
CHARLESTON	KT4YW	146.835 -		☺
CHARLESTON	KF4CDR	146.940 -	123.0	
CHARLESTON AREA	W4ANK	147.270 +		☺
CHERAW	W4APE	145.490 -		☺
CHESTER	KT4DG	145.310 -		☺
CHESTER	KF4SXO	146.625 -		
CHESTERFIELD	KF4GPE	147.135 +		☺
CLEMSON UNIVERSI	WD4EOG	145.450 -	T	
COLUMBIA	N0YVN	145.190 -	PROP	
COLUMBIA	KC4GYM	145.270 -	T127.3	
COLUMBIA	KF4GHC	147.330 +	T156.7	☺
DILLON/PEE DEE	NN4N	146.745 -		☺
EASTOVER	KT4BU	147.075 +	T156.7	☺
ELLOREE	KC4WIF	146.610 -	T118.8	
FLORENCE	W4ULH	146.850 -		☺
FLORENCE	W4GEY	146.970 -		☺

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

S. CAROLINA REPEATERS CONTINUE

FLORENCE	W4APE	147.195 +		☺
FORT JACKSON	KF4GHC	146.775 -	T156.7	
FORT MILL	WB4TWX	145.110 -		☺
#FORT MILL	W4DXA	147.180 +	UNCOR	☺
GAFFNEY	KN4RG	145.470 -	T141.3	☺
GEORGETOWN	KI4CB	147.375 +	T179.9	☺
GILBERT	KF4GHC	145.430 -	T156.7	
GREENVILLE	W4IQQ	146.940 -	T7	☺
GREENWOOD	W4GWD	147.165 +	107.2	☺
#GREENWOOD	K4LEO	147.375 +	UNCOR	
GRNVLE/CSRS HD	W4NYK	146.610 -		☺
GRNVLE/PARIS MT	W4NYK	146.820 -		☺
HILTON HEAD	W8QKO	147.240 +	T	☺
LANCASTER	W4PAX	146.700 -		☺
LANCASTER	AC4VT	147.240 +	T88.5	
LAURENS	KD4HLH	146.865 -	T107.2	☺
LEESVILLE	W4RRC	147.255 +	T123.0	☺
LEXINGTON	NS4SC	145.210 -		
LEXINGTON	KA4FEC	147.390 +		☺
LITTLE MT.	K4AVU	147.210 +		
MARION	W4YLT	147.000 -		
MONCKS CORNER	WD4NUN	147.150 +	T	☺
MT PLEASANT	K4ESG	146.760 -	T	
MYB BCH/BRKSVIL	N4LV	147.285 +		☺
MYR BCH/CONWAY	W4GS	145.110 -		☺
MYR BCH/CONWAY	KI4CB	145.470 -	T179.9	☺
MYRTLE BEACH	W4GS	147.120 +		☺
N. AUGUSTA	K4NAB	146.730 -	T	☺
#N. MYRTLE BEACH	K4NMB	147.030 +	UNCOR	☺
N. SPARTANBURG	N4UZT	147.315 +	T141.3	☺
NO. COLUMBIA	KE4GUA	147.105 -	PROP	☺
ORANGEBURG	N7GZT	145.450 -	91.5	
ORANGEBURG	KF4ATU	146.805 -	T156.7	☺
ORANGEBURG	KF4ATU	147.090 +	T156.7	☺
PAGELAND	W4APE	146.895 -		☺
PICKENS	KF4FOF	146.700 -		☺
PICKENS	WB4YXZ	147.000 -		
#ROCK HILL	W4WBT	145.410 -	UNCOR	☺
ROCK HILL	K4YTZ	147.030 -		
SANTEE	W4DTW	147.225 +		☺
SENECA/LONG MT	WA4JRJ	147.270 +		
SIMPSONVILLE	WD4BJY	146.730 -		☺
SPARTANBURG	K4JLA	147.090 +		☺
ST. MATTHEWS	AD4U	146.670 -	T156.7	☺
SUMMERVILLE	WA4HNK	147.180 +	123.0	☺
SUMTER	K4JR	145.130 -		☺
SUMTER	W4GL	146.640 -		☺
SUMTER	W4GL	147.015 +	156.7	☺
SURFSIDE BEACH	W4GS	145.290 -	91.5	
UNION	K4USC	145.250 -		☺
UNION	K4USC	146.685 -		
WHITE HALL	W4BWZ	146.910 -		☺
#WHITE OAK MTN	W4RCW	147.285 +	UNCOR	

220 MHZ

COLUMBIA	KC4GYM	224.560 -	PROP	
GREENVILLE	W4ILY	224.200 -		☺
GRNVL/DOWNTWN	W4NYK	224.920 -	88.5	☺
LITTLE MTN	K4RWN	224.520 -		
PICKENS	WB4QHF	224.400 -	T131.8	☺
PICKENS/CSRS HD	WB4QHF	224.140 -	T131.8	☺
PICKENS/SASFR MT.	W4IT	224.320 -		☺
SUMTER	W4GL	224.120 -		☺

440 MHZ

AIKEN	AC4WW	443.400 +	T107.2	☺
#BLUFFTON	WA4MPZ	442.675 +	UNCOR	☺
BLYTHEWOOD	N0YNV	444.000 +	PROP	
CHARLESTON	N4MNH	444.300 +		☺
CLEMSON UNIV.	WD4EOG	444.625 +	T156.7	
COLUMBIA	KC4GYM	442.075 +	T156.7	
COLUMBIA	KF4GHC	444.200 +	T156.7	
COWPENS	KE4EAN	443.625 +	T136.5	☺
EASLEY/SAS MTN	AC4RZ	444.925 +	T103.5	
FORT MILL	WB4TWX	443.475 +		☺
GREENVILLE	KB4PQA	442.250 +		
GREENWOOD	W4GWD	443.900 +	T107.2	☺
GRNVLE/PARIS MT	ND4N	443.350 +		
KNIGHTSVILLE	WA4USN	441.350 +	PROP	☺
LANCASTER	KC4AC	444.100 +		
LAURENS	KD4HLH	443.175 +	T146.2	☺
LAURENS	KF4Y	443.775 +	T141.3	☺
LITTLE MT	NK4W	442.975 +	T162.2	
MOUNTAIN REST	AE4PZ	442.775 +	T127.3	☺
MT. PLEASANT	WA4USN	441.450 +	PROP	☺
MYB BCH/BRKSVIL	N4LV	444.525 +		☺
MYR BCH/CONWAY	W4GS	444.675 +		☺
MYRTLE BEACH	K2PJ	444.575 +	85.4	☺
NO. CHARLESTON	KT4YW	444.600 +		☺
ORANGEBURG	WM3O	444.975 +		☺
PICKENS	KF4FOF	442.125 +	PROP	☺
PICKENS/CSRS HD	WB4QHF	442.400 +	T127.3	☺
SIMPSONVILLE	N4GLB	442.725 +		☺
SUMMERVILLE	KE2D	442.300 +	T	☺
SUMMERVILLE	WA4HNK	443.800 +		☺
SUMTER	WZ4O	421.250 +		
SUMTER	W4GL	444.150 +	123.0	☺

1270 MHZ

BLYTHEWOOD	N0WFL	1292.000 -	PROP	

TENNESSEE

BEACONS

GREENEVILLE	WB4NKM	222.058 -		

10 METERS

GALLATIN/BNA	W4CAT	29.640 -	T107.2	☺
GREENEVILLE	WB4NKM	29.640 -		
MEMPHIS	W4ZJM	29.620 -	T*#	
SPRINGFIELD	N8ITF	29.680 -	PROP	
UNION CITY	WA4YGM	29.660 -		

6 METERS

CHATTANOOGA	K4VCM	53.350 -		
COOKEVILLE	WA4UCE	53.190 -	PROP	
DRESDEN	KE4OVN	53.710 -	T107.2	
GALLATIN	WA4BGK	53.050 -	T114.8	☺
GRAY/HOLSTON MT	WM4T	53.010 -		
KINGSPORT	K4GX	53.430 -	PROP	
#KNOXVILLE	WA4YON	53.250 -	UNCOR	
KNOXVILLE	N4OQJ	53.550 -	PROP	☺
KNXVL/ENG MT	WB4IOB	53.150 -		☺
LAFOLLETTE	K4BGW	53.170 -	PROP	
MARYVILLE	KC4PDQ	53.370 -	PROP	
MCNAIRY	NU5O	53.350 -	T107.2	☺
MEMPHIS	WA4KOG	53.010 -		
MEMPHIS	K4RDK	53.550 -		
MEMPHIS	W4GMM	53.930 -	T107.2	
MORRISTOWN	KF4FTD	53.030 -	PROP	
MORRISTOWN	KQ4E	53.230 -		
NASHVILLE	WA4BGK	53.010 -	T114.8	☺
NASHVILLE	N4ARK	145.210 -		☺
OAK RIDGE	WD4GYN	53.110 -		☺
ROAN MTN	KD4SQB	53.310 -		☺
#ROGERSVILLE	K4GX	53.750 -	UNCOR	☺
SPRINGFIELD	N8ITF	53.150 -	PROP	
WAVERLY	NO4Q	53.090 -		☺

2 METERS

ALAMO	WB4EDS	147.135 +		
ANDERSON CTY	KF4BVQ	146.700 -	T100.0	
ARNOLD A.F.B.	KC4FV	147.195 +		☺
ATHENS	WA4PNI	145.310 -	T141.3	☺
BENTON	K4SIR	145.450 -	T	
BLOUNTVILLE	WA4CBX	147.000 +		☺
BOLIVAR	WD4OZN	147.045 +		☺
BRADEN	WA4KOG	145.490 -		
BRISTOL	W4UD	146.670 -		
BRISTOL	WD4CYZ	146.880 -		
BROWNSVILLE	KB4YTU	145.430 -		
BROWNSVILLE	KD4AOK	146.655 -		☺
BRSTL/HOLSTN MT	K4JP	146.760 -		
BRUCETON	KF4SCT	145.170 -	T107.2	☺
BUCKSNORT	KF4SCT	145.430 -	T107.2	☺
CARLISLE	KT4WS	145.250 -		☺
CARTHAGE	N4OTT	145.190 -		☺
CHATTANOOGA	K4CMY	145.130 -		☺
CHATTANOOGA	W4AM	145.290 -	T67.0	
CHATTANOOGA	W4AM	145.390 -		
CHATTANOOGA	W4AM	146.610 -		
CHATTANOOGA	W4AM	146.790 -		
CLARKSVILLE	WD4SGA	147.000 +		
#CLARKSVILLE	KF4L	147.390 +	UNCOR	
CLEVELAND	W4GZX	146.925 -		☺
CLEVELAND	KD4NEC	147.105 +	PROP	☺
CLEVELAND	WD4DES	147.180 +	T118.8	☺
COLLEGEDALE	KA6UHV	147.000 +		☺
COLUMBIA	W4GGM	147.120 +		☺
COOKEVILLE	NQ4Y	145.110 -		☺
COOKEVILLE	WA4UCE	145.430 -		
COOKEVILLE	N4WS	147.210 +		☺
CORNERSVILLE	KF4TNP	146.625 -	PROP	☺
CROSS PLAINS	K4UVH	147.345 +		
CROSSVILLE	W4EYJ	146.805 -		
CROSSVILLE	KF4DPU	146.865 -		☺
CROSSVILLE	KF4HNV	146.895 -	PROP	
CUMBERLAND CITY	WD4DBJ	145.330 -	T	
CUMBERLAND CITY	WA4TLZ	146.925 -	T127.3	☺
DANDRIDGE	WD4EGD	146.895 -	T	☺
DAYTON	K4PHT	147.345 +		
DAYTON/RHEA CTY	K4DPD	147.390 +		☺
DECATUR-PONE KB	W4RJC	145.150 -		
DICKSON	KN4HL	147.375 +		☺
DOVER	N4VIH	145.410 -	T	
DRESDEN	KE4OVN	145.350 -	T107.2	☺
DYERSBURG	WB4RCK	146.745 -		
ELIZTON/HOLS MT	KF4ZQA	145.290 -		☺
ERWIN/PINNACLE	N4WXS	145.250 -	T	
ERWIN/UNICOI	KF4BRS	147.165 +		
EVA	AD4QG	147.090 +		
FAYETTEVILLE	W4BV	147.030 +		☺
FRANKLIN	W4XS	145.150 -		
FRUITLAND	KF4SCT	146.775 -	T107.2	☺
GALLATIN	N4SSB	145.130 -	T107.2	☺
GALLATIN	W4LKZ	147.240 +	T114.8	☺
GALLATIN	WA4YQC	147.270 +	T114.8	☺
GALLATIN	W4CAT	147.300 +	T114.8	☺
GRAY	WM4T	145.110 -	T100.0	
GREENBRIER	WQ4E	147.075 +	T107.2	
GREENEVILLE	W4WC	145.390 -		☺
GREENEVILLE	WB4NKM	145.410 -		
GRNVL/VIKING MT	KB4UG	147.060 +		
GTLBG/COVE MTN	WA4KJH	146.850 -	T127.3	
HARRIMAN	KA4QYI	146.640 -	T100.0	☺
HARRIMAN	KC4WHL	146.745 -		☺
HENDERSON	K4TC	147.105 +	T	☺
HENDERSONVILLE	WB4WZK	145.270 -	T	☺
HUNTINGDON	KB4YTM	146.835 -		
JACKSON	KD4GCT	145.110 -		
JACKSON	KF4SC	145.310 -		☺
JACKSON	WF4Q	147.210 +	T107.2	☺
JACKSON	WB0TMC	147.270 +		
JAMESTOWN	K4NLP	147.090 +	T100.0	☺
JASPER	KD4XV	145.190 -	T127.3	☺
JOHNSON CITY	W4ABR	146.790 -		☺
JOHNSON CITY	KE4FH	147.270 +		
JONESBOROUGH	WD4OBW	146.925 -		☺
KNGSPT/BAYS MT	W4TRC	146.970 -		☺
KNOXVILLE	WB4GBI	145.170 -		☺
KNOXVILLE	WA4TEM	145.330 -		☺
KNOXVILLE	KB4KIE	145.370 -		☺
KNOXVILLE	WB4YLC	145.430 -		☺
KNOXVILLE	WB4GBI	145.470 -		☺
KNOXVILLE	WB4GBI	146.625 -	T100.0	☺
KNOXVILLE	KC4ROG	146.910 -	T	
KNOXVILLE	WB4GBI	146.940 -		☺
KNOXVILLE	WB4GBI	147.075 +		☺
KNOXVILLE	KD4CWB	147.195 +	PROP	
KNOXVILLE/RACK	W4BBB	145.210 -	T100.0	☺
KNOXVILLE/RACK	W4BBB	147.300 +	T100.0	☺
KNXVL/ENG MT	WB4IOB	146.730 -		☺
LAFAYETTE	KC4ECD	145.310 -	T151.4	☺
LAFOLLETTE	K4BGW	146.670 -		☺
LAVERNE	W4CAT	145.230 -		☺
LAWRENCEBURG	KM4ME	146.655 -	T	
LEBANON	W4LYR	147.105 +	T100.0	☺
#LEWISBURG	WB4VXX	146.805 -	UNCOR	☺
LIVINGSTON	N2UP	147.045 +		☺
MANCHESTER	W4UOT	146.700 -	T114.8	☺
MARTIN	N4ABU	146.625 -		
MARYVILLE/ALCOA	W4OLB	146.655 -		☺
MAYNARDVILLE	KB4KIE	145.230 -		☺
MCMINNVILLE	WD4MWQ	146.970 -		
MCNAIRY	KF4SCT	147.075 +	T107.2	☺
MEDINA	WA4RWK	146.970 -		
MEMPHIS	KF4SCT	145.130 -	T107.2	☺
MEMPHIS	K0JXI	145.150 -		
MEMPHIS	W2GLJ	145.210 -		☺
MEMPHIS	K5FE	145.410 -	T107.2	☺
MEMPHIS	WA4KOG	145.450 -		
MEMPHIS	WB4KQQ	146.640 -		
MEMPHIS	W4KIB	146.790 -	T107.2	☺
MEMPHIS	W4BS	146.820 -	T	
MEMPHIS	WA4KOG	146.850 -		
MEMPHIS	WA4KOG	146.880 -		
MEMPHIS	N4BSM	146.940 -	T107.2	☺
MEMPHIS	W4ZJM	147.000 +	T*#	
MEMPHIS	W4EM	147.030 +		☺
MEMPHIS	WA4MQQ	147.060 +		
MEMPHIS	W4GMM	147.090 +	T107.2	☺
MEMPHIS	WA4KOG	147.180 +		
MEMPHIS	WA4ADT	147.300 +	107.2	☺
MEMPHIS	W4BS	147.360 +	T107.2	
MONTEAGLE	NQ4Y	145.410 -	T114.8	☺
MORGAN COUNTY	WD4ORB	147.330 +	T82.5	
MORRISTOWN	KQ4E	145.450 -		
MORRISTOWN	KQ4E	147.030 +		
#MORRISTOWN	KQ4E	147.390 +	UNCOR	
MOUNTAIN CITY	KF4RBR	145.470 -	103.5	☺
#MT PLEASANT	KF4GHD	145.450 -	UNCOR	☺
NASHVILLE	N4ARK	145.210 -		☺
NASHVILLE	N4ARK	52.525 +		☺
NASHVILLE	WR3S	145.370 -		☺
NASHVILLE	N4ARK	145.470 -		☺
NASHVILLE	WA4PCD	146.610 -	T	
NASHVILLE	WA4PCD	146.760 -	T114.8	
NASHVILLE	W4SQE	146.790 -	T	☺
NASHVILLE	W4AY	146.850 -	T114.8	☺
NASHVILLE	WA4PCD	146.880 -	T	
#NASHVILLE	NT4L	146.955 -	UNCOR	☺
NASHVILLE	KC4PRD	146.985 -		☺
NASHVILLE	KJ4ZQ	147.015 +	T	
NASHVILLE	K4ZGA	147.180 +	T114.8	☺
NASHVILLE WEST	WA4PCD	147.150 +	T114.8	
NASHVL/FAIRVIEW	N4ARK	145.110 -		☺
NOLENSVILLE	WD4JYD	145.350 -		☺
OAK RIDGE	W4SKH	146.880 -		
OAK RIDGE	W4SKH	146.970 -		
OAK RIDGE	K4EAJ	147.120 +	T82.5	☺
OAK RIDGE	K4EAJ	147.150 +	T82.5	☺
OAKFIELD	WA4BJY	147.390 +	T	
#ORLINDA	N8ITF	147.195 +	UNCOR	
PARIS	K4KLX	147.360 +		
PETROS/FRZ HD MT	KJ4SI	147.255 +	T94.8	☺
PIGEON FORGE	KD4CLA	145.270 -	T100.0	☺
PIKEVILLE	KF4JPT	147.285 +		☺

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
# and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

TENNESSEE REPEATERS CONTINUE

PULASKI/MUSIC MT	W4JVO	146.775 -		☺
PURYEAR	WA4CEX	147.165 +		
RAMER	WB4MMI	146.700 -	T107.2	
RCKWD/MT ROSVLT	AA4KS	147.015 +		☺
RIPLEY	KE4NTL	145.230 -	T100.0	☺
ROGERSVILLE	KD4HZN	147.315 +	T114.8	
SALTILLO	KB4JUB	146.715 -		
SELMER	KB6BUL	146.805 -	T127.3	
#SPARTA	N4ARK	147.315 +	UNCOR	☺
SPARTA/WHITE	KR4BT	147.165 +	T123.0	☺
TELLICO PLAINS	KT4EQ	147.315 +	T	☺
UNION CITY	WA4YGM	146.700 -		
UNION CITY	KF5SCT	147.015 +	T107.2	☺
WATERTOWN	WA4KPA	146.730 -	T100.0	
WATERTOWN	W4LYR	146.835 -	T100.0	☺
WAVERLY	NO4Q	147.225 +		☺
WAVERLY	NO4Q	147.225 +	T	☺
WINCHESTER	AB4SW	146.820 -		☺

220 MHZ

BLOUNTVILLE	WA4CBX	224.200 -		☺
BROWNSVILLE	KB4YTU	224.200 -		
CHATTANOOGA	K4VCM	224.780 -		
COLLIERVILLE	KB4YGI	224.400 -		
ERWIN	KB8FPK	224.180 -	PROP	
GALLATIN	W4CAT	223.980 -		☺
GALLATIN	KD4VUW	224.700 -		
GATLINBURG	W4UWH	224.520 -	PROP	
GRAY	WM4T	224.900 -		
GREENBRIAR	WQ4E	224.800 -		
GREENBRIER	WQ4E	224.760 -		
GREENEVILLE	WB4NKM	224.940 -		
HERMITAGE	WB4SJV	223.900 -		
JC/BUFFALO MT	KE4FH	224.780 -		
KNOXVILLE	WB4GBI	224.340 -	PROP	☺
KNOXVILLE	N4OQJ	224.380 -	100.0	☺
KNOXVILLE	N4KFI	224.580 -	T103.5	
KNOXVILLE	KF4PCK	224.760 -	PROP	☺
KNOXVILLE/RACK	W4BBB	224.500 -	T100.0	☺
KNXVL/CROSS MT	KB4FZK	224.220	T100.0	☺
LAVERGNE	WR3S	224.360 -		☺
MEMPHIS	W4ZJM	223.940 -	T*#	
MEMPHIS	W4BS	224.420 -		
MEMPHIS	WA4KOG	224.780 -		
MOORESBRG/SNED	KF4PCK	224.760 -		
MORRISTOWN	KC4RGQ	224.640 -		
NASHVILLE	WR3S	224.160 -		
#NASHVILLE	KC4TFQ	224.440 -	UNCOR	
NASHVILLE	K4ZGA	224.480 -		☺
NASHVILLE	WR3S	224.660 -		
NASHVILLE	N4PYI	224.740 -	T100.0	☺
NASHVILLE	KC4PRD	224.840 -		☺
NEWPORT	AC4JF	224.560 -	T100.0	☺
ONEIDA	KB4PNG	224.140 -		☺
ROGERSVILLE	KD4HZN	224.480 -	PROP	
SEVIERVILLE	KD4IBW	224.700 -	T100.0	☺
SEVIERVILLE	KD4IBW	224.800 -		☺
#SHORT MTN	WR3S	223.960 -	UNCOR	☺
SHORT MTN.	N4PYI	224.260 -	T114.8	☺
SMITHVILLE	WR3S	223.960 -		☺
SPRINGFIELD	KO4BN	224.220 -		
SPRINGFIELD	N8ITF	224.540 -	PROP	
SWEETWATER	WD9JGI	224.900 -	PROP	

440 MHZ

ALAMO	WB4EDS	443.750 +		
ARNOLD A.F.B.	KC4FV	443.950 +		☺
ATOKA	KE4ZBI	442.700 +		
BARTLETT	K4VVM	443.700 +	T107.2	☺
BARTLETT	WA4PAJ	444.250 +		
BETHPAGE	KD4YUX	442.200 +	T107.2	☺
BIG SANDY	KC4VHQ	443.600 +	114.8	☺
BROWNSVILLE	KB4YTU	444.200 +		
BROWNSVILLE	KB4YTU	444.450 +		
BRSTL/HOLSTN MT	K4JP	444.500 +		
CHATTANOOGA	WJ9J	442.150 +		
CHATTANOOGA	WB4LRD	443.550 +		
CHATTANOOGA	KD4HII	443.900 +	T	
CHATTANOOGA	W4AM	444.100 +		
CHATTANOOGA	KD4HII	444.200 +	T	
CLARKSVILLE	WA4BZU	444.325 +	T107.2	
CLARKSVILLE	KF4GP	444.950 +	T167.9	
CLEVELAND	WD4DES	442.250 +	T118.8	☺
CLEVELAND	KD4NEB	442.450 +	T88.5	☺
CLEVELAND	W4GZX	444.275 +		☺
COLLEGEDALE	KA6UHV	443.575 +		☺
COLLIERVILLE	KA7UEC	443.300 +	107.2	
COLLIERVILLE	KA7UEC	443.625 +	T107.2	☺
COLUMBIA	WA4AKM	444.925 +	T107.2	
COOKEVILLE	WA4UCE	442.300 +	107.2	
COOKEVILLE	NQ4Y	444.550 +	T107.2	☺
CROSSVILLE	W4EYJ	444.950 +	T107.2	☺
CUMBERLAND CITY	WD4DBJ	443.400 +	T	
DAYTON	KN4VY	442.075 +		☺
DEASON	WA4AWI	443.350 +	T107.2	☺
DOVER	N4VIH	444.925 +	T	
DRESDEN	KA4BNI	442.150 +	107.2	☺
DRESDEN	KE4OVN	443.850 +	107.2	☺
ETOWAH	KF4CFO	442.275 +	PROP	
EVA	AD4QG	443.625 +		
FRANKLIN	WA4AKM	444.725 +	T107.2	
GALLATIN	WD4BKY	444.000 +	T107.2	☺
GALLATIN	WD4BKY	444.350 +	T114.8	☺
GALLATIN	W4CAT	444.450 +	T107.2	☺
GALLATIN	WA4AKM	444.775 +	T107.2	
GATLBG/COVE MT	WA4KJH	443.300 +	T127.3	
GEORGETOWN	WD4OAR	442.925 +	107.2	
GOODLETTSVILLE	KC4PRD	443.125 +	PROP	
GRAY	WM4T	442.200 +	T100.0	
GREENBRIER	WQ4E	444.250 +		
GREENEVILLE	WB4NKM	444.650 +	T100.0	
GRNVLE/VIKING MT	KB4UG	443.200 +		
HARRIMAN	KC4WHL	442.875 +	T136.5	☺
HARRIMAN	KC4WHL	444.025 +		☺
HENDERSON	KE4PFW	442.275 +		
HENDERSON	K4TC	444.750 +	T	☺
HICKORY VALLEY	KA4JXT	443.125 +	107.2	☺
HUNTINGDON	KB4YTM	444.375 +		
JACKSON	KE4CES	442.900 +	T114.8	☺
JACKSON	WB0TMC	444.725 +	T107.2	
JAMESTOWN	KC4MJN	443.625 +	T100.0	
JASPER	KD4XV	442.050 +	T127.3	☺
JEFFERSON CITY	KD4TUD	444.625 +	T	
JOHNSON CITY	KE4FH	444.100 +		
JOHNSON CITY/BUF	WD4ATV	421.250 +		☺
JOHNSON CITY/HOL	WB4SQC	442.050 +	T100.0	☺
KNOX/ENGLSH MT	WB4HAP	444.600 +		☺
KNOXVILLE	WB4HAP	442.500 +	T103.5	☺
KNOXVILLE	N4UAG	443.025 +		
KNOXVILLE	KA4AZQ	443.075 +	PROP	
KNOXVILLE	KD4CWB	443.500 +	T	
KNOXVILLE	KA4AZQ	443.800 +	T100.0	
KNOXVILLE	KD4OBX	443.950 +		
KNOXVILLE	KD4CWB	444.000 +	PROP	
KNOXVILLE	KC4NNN	444.175 +	T	
KNOXVILLE	WB4GBI	444.300 +		☺
KNOXVILLE	KB4KSL	444.325 +		
KNOXVILLE	KC4NNN	444.425 +	T	
KNOXVILLE	KD4IBW	444.525 +	T100.0	☺
KNOXVILLE	KD4TZD	444.925 +		☺
KNOXVILLE/RACK	W4BBB	444.575 +	T100.0	☺
LAFAYETTE	KC4ECD	444.125 +	T107.2	☺
LAFOLLETTE	KB4OTK	443.700 +		☺
LAKE CITY	WD4LUR	442.800 +	T100.0	☺
LAVERGNE	WR3S	443.975 +	T	
LEBANON	WA4AWI	443.275 +	T107.2	☺
LEBANON	W4LYR	443.575 +	T100.0	☺
LEBANON	WA4AXH	444.275 +	T	☺
LEWISBURG	KF4TNP	442.100 +	PROP	☺
LEWISBURG	KF4TNP	444.075 +	PROP	☺
MARYVILLE	KF4BTL	442.000 +		☺
MARYVILLE	KC4PDQ	444.075 +	100.0	☺
MCEWEN	KE4KNZ	443.925 +	T	
MCKENZIE	KD4KPV	443.875 +		
MCMINNVILLE	WD4MWQ	444.850 +	T	
MCNAIRY	KF4SCT	444.550 +	T107.2	☺
MEDINA	WA4BJY	442.050 +		
MEMPHIS	W4GMM	442.175 +	T107.2	
MEMPHIS	WB4EPG	442.625 +		
MEMPHIS	WF4G	442.825 +		
MEMPHIS	W4ZJM	443.000 +	T*#	
MEMPHIS	KA4JXT	443.100 +	T107.2	☺
MEMPHIS	KA4JXT	443.125 +	T	☺
MEMPHIS	W4BS	443.200 +	T107.2	
MEMPHIS	WA4QWW	443.400 +		
MEMPHIS	N4ER	443.950 +	T	
MEMPHIS	WA4ETE	444.000 +	T107.2	☺
MEMPHIS	K4RDK	444.025 +		
MEMPHIS	KF4ATY	444.075 +		☺
MEMPHIS	KA4JXT	444.100 +	T	☺
MEMPHIS	KA4JXT	444.125 +	T	☺
MEMPHIS	W2GLJ	444.175 +		☺
MEMPHIS	WA4KOG	444.400 +		
MEMPHIS	K0JXI	444.800 +		
MEMPHIS	K5FE	444.825 +	107.2	☺
MEMPHIS	K7AG	444.850 +	T107.2	
MEMPHIS	WB4NNE	444.950 +		
MILAN	WD4PAX	442.100 +		☺
MORRISTOWN	KQ4E	444.975 +	T	
MT JULIET	N4PYI	444.400 +	T	☺
MT JULIET	N4PYI	444.750 +	PROP	☺
MT PLEASANT	KF4TNP	443.175 +	PROP	☺
#NASHVILLE	WB4PUB	443.050 +	UNCOR	
NASHVILLE	KB5YJC	443.725 +	PROP	
NASHVILLE	N4PYI	444.050 +	T107.2	☺
NASHVILLE	N4ARK	444.200 +	T	☺
NASHVILLE	N4ARK	444.225 +	T107.2	☺
NASHVILLE	WA4BZU	444.300 +	T107.2	
NASHVILLE	WA4BGK	444.525 +	T107.2	☺
#NASHVILLE	WA4PCD	444.550 +	UNCOR	
NASHVILLE	WA4WCK	444.575 +	T	
NASHVILLE	N4TK	444.625 +	T107.2	☺
NASHVILLE	WA4PCD	444.675 +	T	
NASHVILLE	N4PYI	444.800 +	T110.9	☺
NASHVILLE	WA4AKM	444.875 +	T107.2	
NASHVILLE	WA4AKM	444.975 +	T107.2	
NOLENSVILLE	WA4AXH	443.650 +	T	☺
OAK RIDGE	K4EAJ	444.400 +	T82.5	☺
OAKFIELD	WA4BJY	442.200 +	T	
ONEIDA	KT4PN	442.825 +		
PARIS	AD4LR	443.675 +		
PIGEON FORGE	KD4CLA	444.350 +	T156.7	☺
PROSPECT	WA4AUX	444.600 +	T118.8	
RAMER	WB4MMI	444.900 +	T	
RCKWOOD/OZONE	WJ9J	442.225 +		
ROCKWOOD	KA4WJS	443.975 +		
ROGERSVILLE	K4GX	443.350 +	T	☺
SCREAMER	W4RDM	442.725 +	PROP	
SEVIERVILLE	KD4IBW	443.675 +	T100.0	☺
SEVIERVILLE	N4CKB	444.725 +	T123.0	☺
SHELBYVILLE	WA4PZN	442.700 +	T	
SHELBYVILLE	KC4KRM	443.825 +		
SHRT MT/MURFREB	W4CAT	444.650 +	T107.2	☺
SMITHVILLE	N4PYI	444.825 +	T107.2	☺
SODDY DAISY	WJ9J	444.450 +		
SPARTA	KR4BT	444.375 +	PROP	
SPENCER	KA4MHJ	443.775 +	123.0	☺
SPRINGFIELD	N8ITF	442.600 +	PROP	
SUMMITVILLE	N4ZKR	444.475 +	T107.2	☺
WATERTOWN	W4LYR	444.900 +	T100.0	☺
WAVERLY	KC4VHQ	442.225 +	110.9	☺
WHITE HOUSE	WA4KOC	443.900 +	PROP	

920 MHZ

MORRISTOWN	KQ4E	920.800 -		
NASHVILLE	K4ZGA	923.250 -		☺

1270 MHZ

MEMPHIS	N4HKS	1292.000 -		☺
NASHVILLE	WA4AKM	1284.400 -		
SMITHVILLE	WA4AKM	1286.500 -		

VIRGINIA

BEACONS

HIGH KNOB	WD4GSM	1296.075 -		
HIGH KNOB	WD4GSM	144.054 -		
HIGH KNOB	WD4GSM	222.055 -		
HIGH KNOB	WD4GSM	432.075 -		

10 METERS

FANCY GAP	KE4QOX	29.660 -	T123.0	
NEWPORT NEWS	W4CM	29.600 +		
STERLINGPARK	KD4DN	29.680 -		

6 METERS

AMELIA	WB3R	53.390 -		☺
AMELIA COURTHSE	KB4YKV	53.110 -		☺
BEDFRD/THAX MT	N4CH	53.150 -		☺
CHESTERFIELD	KD4SUU	53.430 -		☺
DANVILLE(DCC)	WB4GJG	53.130 -	T	
FANCY GAP	WA4CQK	53.290 -	T100.0	☺
GATE CITY	N4WWB	53.210 -		
GUM SPRING	KB4MIC	53.070 -		☺
HAMPTON	WA4OHX	53.890 -		
LEXNGTN/ROCK MT.	KI4ZR	53.010 -		☺
LYNCHBURG	KE4KEH	53.570 -		☺
NEWPORT NEWS	KT4QW	53.250 -	T100.0	☺
PEARISBURG	KE4JYN	53.470 -	T107.2	☺
RICE	KE4SFU	53.170 -		☺
ROANOKE	N4CH	53.250 -		☺
ROANOKE/POOR MT	WB8BON	53.090 -		☺
ROCKY MT/FERRUM	WD4KZK	53.270 -	PROP	☺
TYSONSCORNER	KM4OI	53.370 -		
VESTA	N4GBO	53.430 -	PROP	☺
WHITE TOP MTN	KB4YFV	53.650 -		☺

2 METERS

ABINGDN/BRMLY MT	K4JP	146.610 -		
ABINGDON	NM4L	147.345 +	T103.5	☺
ACCOMAC	K4BW	147.255 +	T156.7	☺
ALEXANDRIA	K4US	146.655 -		
ALEXANDRIA	W4HFH	147.315 +		
ALTAVISTA	WA4ISI	146.655 -		☺
AMELIA	WB3R	145.190 -		☺
AMELIA COURTHSE	KB4YKV	147.180 +		☺
ARLINGTON	KF4JPC	146.625 -		
BEDFORD	N4CH	145.230 -		☺
BEDFORD	WB4JBJ	147.105 +		☺
BEDFRD/APL ORCH	WA1ZMS	146.685 -	T100.0	☺
BLACKSBURG	W9KIC	146.715 -		☺
BLACKSTONE	N4RAG	146.820 -	PROP	
BLAND	N4AZJ	145.350 -	T103.5	☺
BLUEFIELD	KD8XK	145.250 -	T100.0	☺
BLUEFIELD	W8MOP	145.490 -		☺
BLUEFIELD/ONEIDA	WZ8E	146.955 -	100.0	☺
BLUEMONT	WA4TSC	147.300 +		
BOYDTON	KD4ZTK	147.240 +		
CHARLOTTESVILLE	WA4TFZ	146.760 -	T88.5	☺
CHARLOTTESVILLE	N4RAG	146.895 -	T131.8	
CHARLOTTESVILLE	WA4TFZ	146.925 -		☺
CHESAPEAKE	WA4YSE	146.610 -		☺
CHESAPEAKE	N4SD	146.790 -		☺
CHESTERFIELD	KD4KWP	145.310 -	127.3	☺
CHESTERFIELD	KA4CBB	147.360 +		☺
CLAYPOOL HILL	KU4RK	146.805 +	T103.5	
#CLINCHCO	KK4MW	146.985 -	UNCOR	
CLINCHCO	KB4RFN	147.150 +	T88.5	

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

VIRGINIA REPEATERS CONTINUE

#CLINCHCO	WD4CYZ	147.255 +	UNCOR	
COEBURN	AD4OV	145.430 -	103.5	☺
COVINGTON	WA4HTI	146.805 -		☺
CULPEPPER	AF4CY	145.410 -		
DANVILE/WHT OAK	K4AU	146.700 -	107.2	☺
DANVILLE(DCC)	WB4GJG	146.925 -	T107.2	
DUBLIN	K4HZS	146.670 -		☺
DULLESAIRPORT	N4FSC	145.310 -		
EASTVILLE	N4WAO	147.345 +	T156.7	☺
ELK CRK/IRON MTN	N4MGQ	147.240 +	T107.2	☺
ENON	WB4VWR	147.060 +	T107.2	
FAIRFAX CITY,	K4KXK	146.790 -		☺
FANCY GAP	WA4CQK	145.110 -	T100.0	☺
FARMVILLE	KE4ZBH	145.330 -		☺
FARMVILLE	N4RKM	146.910 -		☺
FINCASTLE	W4WIC	146.640 -		☺
FOREST	W8CXD	147.165 +	T114.8	☺
FRANKLIN	K4SPS	147.300 +	T131.8	☺
FREDERICKSBUR	WB4LNT	147.015 +		
GALAX/BRIRP MT	W4BRC	147.090 +		☺
GALAX/LKOUT MT	N4VL	145.130 -	T103.5	☺
GARRISONVILLE	N4NW	145.270 -		
GATE CITY	N4WWB	146.820 -	T	
GLOUCESTER	W4HZL	145.370 -	T100.0	☺
GOOCHLAND	N4TZE	147.090 +		
GREENBAY	K4ARO	145.150 -		☺
GRUNDY	K4HWQ	147.315 +		
GRUNDY/BIG A MT	KK4EH	146.835 -		☺
GUM SPRING	WB4IKL	147.270 +		☺
HAMPTON	WA4OHX	145.490 -		
HAMPTON	W4QR	146.730 -		☺
HAMPTON	K4UMI	146.940 -	T	
HAMPTON	KA4VXR	147.225 +	T136.5	☺
HARRISONBURG	N4YET	145.130 -		
HARRISONBURG	N4RAG	146.895 -		
HARRISONBURG	N4YET	147.315 +		
KILMARNOCK	W2MS	145.210 -		
LEXINGTON	KI4ZR	147.300 +		☺
LEXNGTN/ROCK MT.	KI4ZR	147.330 +		☺
LYNCHBURG	KC4RBA	145.370 -		
LYNCHBURG	W4WWQ	146.610 -	136.5	☺
LYNCHBURG	AB4M	147.015 -	T131.8	☺
LYNCHBURG	WA4RTS	147.195 +	T136.5	☺
MANASSAS	W4OVH	146.970 -		
MARION	N4QLF	146.640 -	T103.5	
MARTINSVILLE	KF4KVG	147.285 +	T107.2	☺
MECHANICSVILLE	W4ML	146.805 -	PROP	
MONTEREY	WD4ITN	147.180 +	T100.0	☺
MONTPELIER	KQ4RH	145.250 -	PROP	☺
MOUNTAIN LAKE	WZ8E	146.865 +	110.9	☺
MT.LAKE/BALD KNB	K4TUE	146.910 -	107.2	☺
NEWPORT NEWS	W4MT	145.230 -	T100.0	☺
NEWPORT NEWS	W4CM	147.165 +		
NORFOLK	W4VB	145.330 -		☺
NORFOLK	KF8PT	146.700 -	PROP	
NORFOLK	AD4ZK	147.075 +		☺
NORTON	KC4UBU	146.865 -	T103.5	
NORTON/HIGH KNB	K4AXO	147.015 -	T88.5	
PATRICK SPRINGS	WB8POC	147.120 +	T107.2	☺
PEARISBURG	N4AZJ	147.135 +	T100.0	☺
PEARISBURG	W4NRV	147.375 +	PROP	
PENNINGTON GAP	KK4QS	146.700 -		☺
PETERSBURG	K4ARO	147.390 +		☺
PKS KB/PULASKI	WB3S	147.180 +	T103.5	☺
PORTSMOUTH	W4POX	146.850 -	100.0	☺
QUANTICO	#W4NFR	147.345 +		
RADFORD/RINER	KA4IXK	145.150 -		
RICHMOND	K4YPE	145.110 -		☺
RICHMOND	W4SQT	145.430 -		☺
RICHMOND	WB4QEY	146.640 -		☺
RICHMOND	W4RAT	146.880 -		
RICHMOND	W4ZA	146.940 -		☺
RICHMOND	WA4JST	147.030 -		
RICHMOND	KC4VDZ	147.135 +	T107.2	
ROA/POOR MT	W4CA	146.985 -		
ROANOKE	N4AP	146.940 -		
ROANOKE/POOR MT	K4ARO	145.390 -	T107.2	☺
ROANOKE/POOR MT	K4ROA	146.745 -	T107.2	☺
ROANOKE/POOR MT	KB4QWO	147.270 +		☺
ROANOKE/POOR MT.	N2EDE	145.210 -		☺
RUSTBURG	N4UTN	145.290 -	T	☺
RUSTBURG/LONG MT	N4UTN	146.835 -	T173.8	☺
SALEM	WA4V	146.880 -		
SALUDA	AA4HQ	145.450 -		☺
SMITHFIELD	KF4ADJ	147.195 +	T100.0	☺
SOUTH BOSTON	KF4LWH	145.350 -		
SOUTH BOSTON	KF4AGO	147.060 -		
SOUTH HILL	N4ZCM	145.470 -		
SPOTSYLVANIA	K4MQF	146.775 -		
STAUNTON	KD4WWF	146.700 -	T131.8	☺
STAUNTON	WA4ZBP	146.850 -	T131.8	☺
STAUNTON	W4WRN	146.970 -		
STAUNTON/EL.KB	KE4CKJ	147.045 +	T131.8	
STERLING	WA4TXE	146.715 -		
STUARTS DRAFT	KB4OLM	147.360 +		
SUFFOLK	WA4HMT	147.000 -	T100.0	
TYSONS CORNER	KF4QQP	146.910 -		☺
VIRGINIA BEACH	WA4KXV	146.895 -		☺
VIRGINIA BEACH	WA4KXV	146.970 -		☺
VIRGINIA BEACH	WA4SBC	147.045 +		
VIRGINIA BEACH	W4NV	147.375 +		
WALKERTON	KA4DZU	146.715 -		
WARRENTON	KB3BOI	145.350 -		
WARRENTON	KB3BOI	145.350 -		
WARRENTON	NZ4N	147.165 +		
WARSAW	KA4ZIP	147.285 +		
WAYNESBORO	W4PNT	147.075 +		☺
WILLIAMSBURG	KF4ADM	145.410 -	127.3	
WILLIAMSBURG	K4RC	146.670 -	T	☺
WILLIAMSBURG	KB4ZIN	146.760 -		☺
WINCHESTER	N4RAG	145.210 -		
WINCHESTER	W4RKC	146.820 -		☺
WYTHE/WALKR TOP	WB3T	146.895 -	T103.5	☺
WYTHEVILLE	WB3T	146.775 -	T107.2	☺

220 MHZ

ARLINGTON	WB4MJF	224.060 -		
ARLINGTON	WB4MWF	224.620 -		
BEDFORD	N4PLV	224.840 -		☺
BEDFRD/APL ORCH	WA1ZMS	224.180 -	T100.0	☺
BLUEFIELD	N8LGA	224.920 -		
BUCK'S ELBOW	N4RAG	224.320 -	T131.8	
CHARLOTTESVILLE	KB4YQC	224.140 -	T88.5	☺
CHARLOTTESVILLE	WA4TFZ	224.760 -		☺
DELTAVILLE	AA4HQ	224.900 -		☺
FAIRFAX CITY	W4YHD	224.100 -		☺
FANCY GAP	K4DQ	224.880 -	PROP	☺
GLOUCESTER	W4GSF	224.620 -		☺
HAMPDEN-SYDNEY	W4JAS	224.200 -		
HAMPTON	WB4PVT	224.540 -	T100.0	☺
HARRISONBURG	N4YET	224.820 -		
HAYMARKET	WD4KHP	224.420 -		
JONESVILLE	WM4MD	224.520 -	PROP	
LAKE GASTON	WA4HMT	224.600 -		
LOVETTSVILLE	WB4FUJ	224.460 -		
LYNCHBURG	AB4M	224.280 -		☺
MANASSAS	W4OVH	224.660 -		
MANASSAS	W4OVH	224.660 -		
MARTINSVILLE	K4RCA	224.500 -		
NORFOLK	KC4JGC	224.740 -	T100.0	
NORTON/HIGH KNB	WD4GSM	224.420 -		
PATRICK SPRINGS	KC4J	224.420 -	T103.5	
PEARISBURG	KQ4Q	224.860 -		☺
PETERSBURG	K4ARO	224.700 -		☺
RESTON	WD4KHP	224.720 -		
RIDGEWAY	AA4QT	224.380 -	T	
ROA/CAHAS MT	AB4EM	224.940 -		☺
ROANOKE	N4CH	224.100 -		☺
ROANOKE/TINKER	K4YDG	224.900 -		☺
STAUNTON/EL KNOB	KE4CKJ	224.300 -	T131.8	
STUART	WB4GUG	224.200 -	T107.2	☺
TYSONSCORNER	WD4KHP	224.420 -		
WAYNESBORO	KA4RCL	224.680 -	T131.8	☺

440 MHZ

ABINGDON	KB8KSP	442.975 +	T88.5	☺
ACCOMACK	K4BW	444.300 +	T156.7	☺
ALEXANDRIA	WA9GVK	911.250 -		
ALEXANDRIA	WA9GVK	915.750 -		
ALEXANDRIA	W4HFH	147.315 +		
ALTAVISTA	WA4ISI	444.425 +		☺
AMELIA	KB4YKV	443.200 +		
ARLINGTON	KD4DSX	448.625 -		
ARLINGTON	WB4MJF	444.150 +		
ARLINGTON	WB4MJF	444.150 +		
BEDFORD	N4CH	444.350 +		☺
BEDFRD/APL ORCH	WA1ZMS	442.650 +	T100.0	☺
BEDFRD/APL ORCH	WA1ZMS	443.800 +	T100.0	☺
BENT MT.	K4YD	443.675 +	PROP	
BIG "A" MTN	KB4WTP	444.875 +		☺
BLUEFIELD	WZ8E	443.625 +		☺
BLUEFIELD	WB3T	443.775 +	PROP	☺
BLUEFIELD	W8MOP	444.450 +		☺
BLUEFIELD	WZ8E	444.625 +		☺
BLUEMONT	WA4TSC	449.925 -		
BLUEMONT	WA4TSC	449.925 -		
CHARLOTTESVILLE	WA4TFZ	444.250 +	151.5	☺
CHESAPEAKE	N4EVG	443.900 +		
CHESTERFIELD	WA3KOK	433.075 +	PROP	
CHESTERFIELD	KD4SUU	442.150 +		☺
CHESTERFIELD	WA3KOK	442.450 +	PROP	☺
COVINGTON	WA4HTI	442.250 +		☺
DALECITY	N8BOR	443.100 +		
DALECITY	N8BOR	443.100 +		
DANVILE/WHT OAK	K4AU	444.700 +		☺
DANVILLE	KQ4I	443.850 +		☺
ENON	WB4VWR	444.200 +		
ENON	KE4RTQ	444.275 +	T114.8	
FAIRFAX	K4HTA	448.375 -		
FAIRFAX	K4HTA	448.375 -		
FALLSCHURCH	KF4LWJ	444.300 +		
FANCY GAP	WD4ICX	444.175 +	T107.2	
FANCY GAP	N4OWU	444.375 +	T107.2	☺
FANCY GAP	N4XRY	444.900 +		☺
FOREST	W8CXD	443.600 +	T136.5	☺
FOREST	WD4KQI	444.750 +		☺
FRONTROYAL	N4MKH	449.225 -		
GASBURG	WA4HMT	442.000 +		
GATE CITY	N4WWB	444.700 +		
GLOUCESTER	N4XND	421.250 +		
GRETNA/SMITH MT	KD4TBC	444.075 +	T67.0	
GUM SPRING	KB4MIC	442.800 +		☺
HAMPTON	K4UMI	443.650 +		
HAMPTON	WA4OHX	443.750 +	100.0	
HAMPTON	W4QR	444.550 +	T167.9	☺
HARRISONBURG	N4YET	444.600 +		
HAYMARKET	N3AUY	449.025 -		
HILLSVILLE	KB4YFV	442.125 +	T103.5	☺
JONESVILLE	WB4IVB	442.575 +	T100.0	☺
LEXINGTON	KI4ZR	444.300 +		☺
LEXNGTN/ROCK MT.	KI4ZR	444.150 +		☺
LORTON	WA3TOL	448.675 -		
LYNCHBG/JACK MT.	KF4YI	442.400 +	T107.2	☺
LYNCHBRG/TOB MT	K4CQ	444.500 +	T136.5	☺
LYNCHBURG	K4CQ	923.250 -		☺
LYNCHBURG	AB4FU	442.950 +	T	☺
LYNCHBURG	KC4RBA	443.450 +		
LYNCHBURG	WA4RTS	444.550 +	T136.5	☺
LYNCHBURG/T.ROW	N4IFC	442.200 +	T103.5	
MADISON	N8HON	444.400 +		
MARTINSVILLE	KD4CRM	442.175 +	T118.8	
NEWPORT NEWS	W4MT	442.900 +	T100.0	☺
NORFOLK	AD4ZK	444.475 +	T	☺
NORFOLK	WD4MIZ	444.675 +	T107.2	☺
OILVILLE	KB4MIC	444.800 +		☺
PATRICK SPRINGS	KC4J	443.175 +		
PEARISBURG	N4AZJ	444.975 +	T103.5	☺
PETERSBURG	K4ARO	442.600 +		☺
PETERSBURG	WB4KZI	443.825 +		
PORTSMOUTH	W4POX	443.800 +		☺
POWHATAN	KN4YM	443.100 +		
PULASKI	KE4CIF	442.775 +	T	
RICHMND/CHLTVL	N4EHJ	444.650 +		☺
RICHMOND	KC4VDZ	442.300 +	T114.8	
RICHMOND	W4RAT	442.550 +	T127.3	
RICHMOND	AB4SF	444.850 +	T	☺
ROA/MILL MT	WD4KZK	442.750 +	T107.2	☺
ROA/POOR MT	N4FHL	439.250 -		
ROA/POOR MT	W4CA	442.500 +		
ROA/POOR MT	W7CP	442.700 +	T	☺
ROA/POOR MT	KA4IXK	442.850 +		☺
ROA/READ MT	WD4KZK	444.850 +	T107.2	☺
ROANOKE	K4ARO	442.600 +	T	☺
ROANOKE	WB3T	444.325 +	T103.5	☺
ROANOKE/TINKER M	WB8BON	444.925 +		☺
SLINGS GAP	WD4KZK	444.775 +	PROP	☺
SMITHFIELD	KF4PGC	443.550 +	T100.0	☺
SOUTH BOSTON	KF4AGO	443.925 +		
SOUTH BOSTON	KF4LWH	444.625 +		
SOUTH HILL	KD4MJO	443.525 +	100.0	☺
SPOTSYLVANIA	KD4QNA	442.700 +		
SPOTSYLVANIA	K4MQF	442.850 +		
SPRINGFIELD	WD4KHP	449.825 -		
STAFFORD	N4NW	444.450 +		
STAUNTON	WA4ZBP	444.825 +	T131.8	☺
STAUNTON	W4WRN	444.950 +		
STAUNTON/EL KNOB	KE4CKJ	444.100 +	T131.8	
STUART	WB4GUG	442.225 +	T107.2	☺
STUARTS DRAFT	KB4OLM	444.050 +		
TYSONS CORNER	KA3RQR	447.025 -	T100.0	☺
TYSONSCORNER	KM4FI	443.500 +		
VIENNA	N4KOU	444.850 +		
VIRGINIA BEACH	WA4KXV	444.950 +		☺
WAYNESBORO	N3XA	426.250 +		☺
WHITETOP MTN	KM4X	443.000 +	T103.5	☺
WILLIAMSBURG	KB4ZIN	444.100 +		☺
WILLIS	W4DUM	443.875 +		
WYTHE/WALKER MT	WB3T	442.000 +	T103.5	☺
WYTHEVILLE	WB3T	442.525 +	103.5	☺

920 MHZ

BEDFRD/APL ORCH	WA1ZMS	921.100 -	T100.0	☺
LYNCHBRG/TOB MT	K4CQ	921.000 -	T100.0	☺
LYNCHBURG	K2AD	921.200 -	T100.0	☺
ROA/POOR MT	WD4KZK	919.500 -	107.2	☺
TYSONSCORNER	K6LEW	919.500 -		

1270 MHZ

BEDFRD/APL ORCH	WA1ZMS	1283.100 -	T100.0	☺
ROA/POOR MT	N4CH	1291.020 -		☺

2.4GHz

BEDFRD/APL ORCH	WA1ZMS	2411.600 +		☺

WEST VIRGINIA

10 METERS

BECKLEY	KA8OTX	29.620 -		☺
BECKLEY	KE4QOX	29.680 -	T	☺
CHARLESTON	WB8CQV	29.640 -		
RICHWOOD	WA8YWO	29.660 -	T100.0	

6 METERS

ALDERSON	W8WDK	53.190 -		
BECKLEY	N8FWL	53.170 -	T	☺
BECKLEY	WB8YST	53.590 -	T107.2	☺
CHARLESTON	WB8YST	53.630 -	T107.2	☺

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
# and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

DANSMOUNTAIN	N8YIB	53.410 -		
FLATWOODS	N8CQQ	53.110 -	PROP	
GASSAWAY	K8WGB	53.210 -	T123.0	☺
MARMT/CHARLSTN	N8PEI	53.750 -	T141.3	
RICHWOOD	WB8YST	53.710 -	T107.2	☺
SHIRLEY	KB8TJH	53.310 -		
SNOWSHOE	KC8CSE	53.330 -	PROP	

2 METERS

AMBER RIDGE	KB8NJH	147.210 +	T107.2	☺
BECKLEY	N8FWL	147.360 +	T123.0	☺
BECKLEY/BOLT	WV8B	145.170 -	T100.0	☺
BECKLEY/EOC	N8TNB	145.370 -		
BECKLEY/FLAT TOP	W8WDK	146.850 -		
BECKLEY/LAYLAND	N8FCJ	145.310 -	T100.0	☺
BECKLY/OAK HILL	N8FWL	145.230 -	T100.0	☺
BERKELEYSPRIN	KK3L	146.745 -		
BERKELEYSPRIN	KK3L	146.745 -		
BIRCH RIVER	N8FMD	145.270 -	T103.5	☺
BRIDGEPORT	WB8DKM	147.120 +	T	☺
BUCKHANNON	N8FHE	145.410 -		
BUCKHANNON	N8ZAR	146.850 -		☺
BUCKHANNON	N8ZAR	147.060 +	123.0	☺
CAPONMOUNTAIN	N8YIB	147.435 -		
CHARLESTON	W8GK	145.350 -	91.5	☺
CHARLESTON	WB8IFS	146.820 -		
CHARLESTOWN	N8EIV	146.985 -		
CLARKSBURG	N8FMD	146.685 -	T103.5	☺
CLARKSBURG	N8FMD	147.210 +	T103.5	☺
DANVILLE	WB8NAM	146.685 -	T	
DAVIS	KE8MR	147.135 +	T103.5	☺
ELKINS	WJ8G	145.230 -	PROP	
ELKINS	KB8BWZ	146.775 -		
FAIRMONT	W8SP	145.350 -	T103.5	
FENWICK	KD8AB	146.940 -		
FLAT TOP/WINTRPL	WV8B	146.625 -	T100.0	☺
FLATWOODS	N8ZPX	146.655 -	T123.0	☺
FRANKLIN	W3RUA	147.345 +		☺
FROST	N8RV	145.110 -		☺
GASSAWAY	WB8MZI	146.610 -		
GLENVILLE	KB8EUN	145.130 -		☺
GLENVILLE	KA8ZXP	145.290 -		☺
GRAFTON	WD8LNB	147.375 +		
GRANTSVILLE	N8LGY	145.450 -	T103.5	
HARISVL/PENSBRO	WB8NSL	147.300 +		
HARPER'SFERRY	KB3BOI	145.350 -		
HARTMANSVILLE	KC7OSZ	147.360 +	PROP	
HINTON	KC8CNL	147.255 +	100.0	☺
HUNTINGTON	WB8FEQ	145.210 -		
HUNTINGTON	W8VA	146.760 -		
HUNTINGTON/CHAS	WB8EZR	146.640 -		☺
IAEGER	N8SNW	146.655 -		
KEYSER	N8RCG	147.390 +	123.0	☺
LEWISBURG	WB8SPW	146.730 -	T100.0	☺
LEWISBURG	WV8D	147.390 +	T100.0	☺
LIBERTY	WV8AR	145.410 -	T123.0	☺
LOGAN SOUTH	NV8H	147.195 +	100.0	☺
LOGAN/SUMERCO	NU8K	147.345 +		
LOGAN/WRD RK MT	KJ8E	146.970 -		
MADISON	WB8NAM	147.120 +	T	
MARLINTON	N4RAG	147.090 +	131.8	
MARTINSBURG	WA8FSE	145.150 -		
MARTINSBURG	WB8YZV	147.255 +		
MARTINSBURG	K3MAD	147.345 +		
MCMECHEN	N8BQ	146.910 -		☺
MIDDLEBOURNE	KC8GXI	147.360 +	T110.9	☺
MOOREFIELD	KD4SZR	145.190 -		
MORGANTOWN	W8CUL	146.760 -		☺
MORGANTOWN	KE8MR	147.075 +	T103.5	☺
MULLENS	KC8IT	147.030 +		☺
NEW MARTINSVILE	KF8LL	146.985 -		
OAK HILL	NM8T	146.790 -		☺
PARKERSBURG	WV8G	145.490 -		
PARKERSBURG	WA8LLM	147.255 +		☺
PARKERSBURG	WD8CYV	147.390 +	T141.3	☺
PARKERSBURG (OH)	WF8U	146.745 -		
PARKERSBURG (OH)	N8NBL	146.970 -		☺
PARSONS	K8VNQ	145.370 -	T118.8	☺
PHILIPPI	K8VE	145.150 -	103.5	☺
PINEVILLE	W8LG	147.285 +		☺
PRINCETON	KA8PNC	147.060 -		☺
PRINCETON	WB8NRK	147.225 +	T114.8	☺
PRINCETON/PIPEST	WD8OGY	146.925 -		
RAVENSWOOD	WD8JNU	146.670 -		☺
RICHWOOD	WB8YJJ	145.190 -	T	
RICHWOOD	AA8TH	147.015 +	T	
RICHWOOD	WA8YWO	147.150 +	T100.0	
SALT ROCK	K8SA	145.110 -	T110.9	
SCOTT DEPOT	WV8AR	147.270 +	123.0	☺
SHERRARD	KD8GL	146.715 -		☺
SHIRLEY	KB8TJH	145.310 -	T	
SMITHERS	NM8T	147.075 -		☺
SO. CHARLESTON	WB8CQV	146.880 -		
SPRUCE KNOB	N8HON	147.285 +		
ST ALBANS	K8WMX	147.000 -		☺
SUMMERSVILLE	W8FG	145.470 -	100.0	
TERRA ALTA	KD8ZR	147.000 +	T	☺
UNION	W8IFL	145.410 -		
WEIRTON	W8CWO	146.940 -		
WELCH	WB8SXZ	145.450 -		
WESTON	WD8EOM	145.390 -		
WESTON	WC8K	147.165 +		
WHEELING	KA8YEZ	145.190 -		
WHEELING	W8ZQ	146.760 -		☺
WILLIAMSON	WR8M	145.330 -		☺

220 MHZ

BECKLEY	N8FWL	224.240 -	T123.0	☺
BERKELEYSPRIN	KA3VLG	224.700 -		
CHARLESTON	WB8YST	224.360 -	107.2	☺
FLAT TOP/WINTRPL	WV8B	224.120 -		☺
WILLIAMSON	WR8M	224.140 -		☺

440 MHZ

BECKLEY	N8FWL	443.050 +	T123.0	☺
BECKLEY	N8LVE	444.125 +	T	
BECKLEY/BOLT	W8LG	443.225 +		☺
BECKLEY/OAK HILL	WV8B	444.800 +		☺
BECKLY/OAK HILL	KE4QOX	443.100 +	T107.2	
BELINGTON	N8SCS	444.900 +	71.9	
BERKELEYSPRIN	WA3KOK	442.450 +		
BUCKHANNON	N8ZAR	444.250 +		☺
CHARLESTON	KB8QKM	442.925 +	71.9	
CHARLESTON	WV8AR	444.225 +	T123.0	☺
CHARLESTON	WB8YST	444.350 +	T107.2	☺
CLARKSBURG	N8FMD	444.175 +	T103.5	☺
DANSMOUNTAIN	N8YIB	145.330 +		
DUNMORE	KC8CSE	444.275 +	PROP	
FAIRMONT	W8SP	443.875 +		
FLATTOP/EGERIA	W8ARA	444.400 +	T100.0	☺
FLATWOODS	N8ZVK	444.200 +		
GASSAWAY	K8WGB	444.675 +	T123.0	☺
GLENVILLE	KA8ZXP	444.325 +		☺
HARTMANSVILLE	KC7OSZ	444.750 +	PROP	
HUNTINGTON	WA4GSS	421.250 +		
HUNTINGTON	WB8EZR	443.000 +		☺
HUNTINGTON	KB8TGK	443.850 +	T88.5	
HUNTINGTON/CHAS	AA8MR	444.850 +	T131.8	☺
HURRICANE	K8OJC	444.075 +		
HURRICANE	W8HYX	444.500 +	PROP	
KEYSER	N8RCG	444.125 +	103.5	☺
LEWISBURG	KF8FO	444.725 +	T103.5	☺
LOGAN	KE4QOX	444.900 +	T	☺
MORGANTOWN	W8CUL	444.800 +		☺
MULLENS	KC8IT	444.000 +		☺
OAK HILL	NM8T	443.300 +		☺
OAK HILL	KA8OTX	443.800 +		☺
PENNSBORO	WB8NSL	442.850 +	PROP	
PRINCETON	KB8UJG	443.700 +	T123.0	
RIPLEY	KC8AOF	444.150 +	PROP	
SHIRLEY	KB8TJH	444.425 +	T	
SO. CHARLESTON	WB8CQV	444.950 +		
ST. ALBANS	K8MHR	443.150 +		
WELCH	N8SNY	443.725 +		☺
WESTON	N8FIP	443.975 +		
WESTON	WC8K	444.600 +		
WHEELING	KB8QHO	421.250 +		
WHEELING	KA8YEZ	443.025 +	77.0HZ	☺

Limited FULL MEMBERS FROM NON-SERA STATES

6 METERS

CONCORD, NH	KA1OKQ	53.590 -	71.9	☺

2 METERS

ANGOLA, IN	WB9AEI	147.105 +	T	☺
ANGOLA, IN	WB9AEI	147.180 +	T131.8	☺
CONCORD, NH	KA1OKQ	147.225 +	T100.0	☺
DELAND, FL	K4DWF	147.045 +	T103.5	☺

220 MHZ

ALBANY, NY	K2AD	224.140 -		☺
CONCORD, NH	KA1OKQ	224.800 -	T103.5	☺

440 MHZ

ALBANY, NY	K2AD	444.000 +		☺
ANGOLA, IN	WB9AEI	444.900 +	T100.0	☺
CONCORD, NH	KA1OKQ	448.775 -	T82.5	☺
DALLAS, TX	KF5TU	442.350 +	T100.0	☺
EVANSVILLE, IN	AA9MM	443.400 +		☺
MT EQUINOX, VT	K1DF	444.050 +		☺
PEMBROKE, NH	KA1OKQ	444.150 +		☺
PETERBORO, NH	KA1OKQ	443.350 +	T110.9	☺

920 MHZ

ALBANY, NY	K2AD	921.000 -		☺
MT. BEACON, NY	K1DF	921.200 -		☺

REPEATER LIST STATUS UNKNOWN

GEORGIA UNKNOWN LIST

10 METERS

CONYERS	AI8H	29.680 -	UNKN

6 METERS

#CONYERS	WB4JEH	51.550 +	UNKN
CONYERS	WB4JEH	53.550 -	UNKN

2 METERS

AMERICUS	WD4EBB	147.270 +	UNKN
ATL/UNION CITY	WA4UPE	146.625 -	UNKN
ATLANTA	WA4NNO	147.000 -	UNKN
AUGUSTA	KK4HL	145.110 -	UNKN
CLARKESVILLE	K4HCA	147.120 +	UNKN
COLUMBUS	KA4CEK	145.310 -	UNKN
COLUMBUS	W4CVY	146.880 -	UNKN
CONYERS	WB4JEH	145.230 -	UNKN
CONYERS	WB4JEH	146.610 -	UNKN
COOLIDGE	N4JBF	145.170 -	UNKN
#FORSYTH	W4STJ	147.915 -	UNKN
JESUP	WA4EQL	145.190 -	UNKN
JESUP	N4PJR	146.925 -	UNKN
JESUP/SCREVEN	N4PJR	147.345 +	UNKN
LAGRANGE	WB4BXO	147.330 +	UNKN
PINE MT/HAMILTON	WB4ULJ	145.190 -	UNKN
SWAINSBORO	K4VYX	146.790 -	UNKN
VIDALIA	KE4ZZ	146.625 -	UNKN

220 MHZ

ATLANTA	N4BLR	224.280 -	UNKN
CLAYTON	KI4WR	224.720 -	UNKN
#CONYERS	WB4JEH	224.020 -	UNKN
CUMMING	K4JSR	224.980 -	UNKN
ROCKMART	KC4KLW	224.780 -	UNKN

440 MHZ

ATLANTA	KE4ZV	443.650 +	UNKN
ATLANTA	KD4LXT	443.875 +	UNKN
ATLANTA	WA4NNO	444.925 +	UNKN
BARNESVILLE	N4GWO	443.675 +	UNKN
BRUNSWICK	KD4CPO	443.425 +	UNKN
BYRON	KF4XH	443.150 +	UNKN
CLARKESVILLE	K4HCA	442.425 +	UNKN
CONYERS	WB4JEH	442.550 +	UNKN
CONYERS	WB4JEH	444.550 +	UNKN
DACULA	KK4IN	443.550 +	UNKN
DECATUR	WB4LBM	444.200 +	UNKN
HAMILTON	WB4ULJ	444.400 +	UNKN
HIGH HOUSE MTN	KD4APP	443.200 +	UNKN
JASPER	KB4MDE	443.425 +	UNKN
JESUP	N4PJR	444.925 +	UNKN
REX	KB4NPO	443.975 +	UNKN
ROCKMART	KC4KLW	443.275 +	UNKN
ROCKMART	KC4KLW	443.525 +	UNKN
SMYRNA	N4IBW	444.650 +	UNKN

KENTUCKY UNKNOWN LIST

6 METERS

LOUISVILLE	WB4LBR	52.025 +	UNKN

2 METERS

DRAKESBORO	KF4DKJ	146.820 -	UNKN
#GEORGETOWN	N4CO	147.675 -	UNKN
GREENVILLE	WA4TTC	146.745 -	UNKN
HARLAN	WA4ZAC	147.105 +	UNKN
#JONATHAN CREK	N4SEI	146.985 -	UNKN
#LITCHFIELD	KB4NFK	147.225 +	UNKN
#MARION	KA4FGA	147.285 +	UNKN
#NEBO	AA4NI	146.730 -	UNKN
#NICHOLASVILLE	WB4LBI	146.990 -	UNKN
PRINCETON	W4KBL	146.670 -	UNKN
#PROVIDENCE	N4IUI	147.330 +	UNKN

220 MHZ

PIKEVILLE	WB4F	224.580 -	UNKN

440 MHZ

GLASGOW/CVCTY	KF4DC	444.250 +	UNKN
LOUISVILLE	N4ORL	442.000 +	UNKN
LOUISVILLE	KB4RYM	442.500 +	UNKN
MARION	KR4PF	444.200 +	UNKN
NEBO	AA4NI	444.850 +	UNKN

MISSISSIPPI UNKNOWN LIST

2 METERS

COLUMBIA	N5SPF	147.285 +	UNKN
GREENWOOD	KA5TQY	146.715 -	UNKN
IUKA	WB5MFK	146.850 -	UNKN
JACKSON	KB5KGE	145.390 -	UNKN
KOSCIUSKO	W5LWC	146.850 -	UNKN
LOUISVILLE	KC5QGC	147.360 +	UNKN
PONTOTOC	WB5NAY	147.380 +	UNKN
#VICKSBURG	K5IMT	146.805 -	UNKN

440 MHZ

JACKSON, EAST	AA5RZ	443.625 +	UNKN

NORTH CAROLINA UNKNOWN LIST

10 METERS

BALD CREEK	N1BEC	29.660 -	UNKN

6 METERS

ASHEVILLE	N4OOC	53.470 -	UNKN
BALD CREEK	N1BEC	53.030 -	UNKN

REPEATER OWNERS/SPONSORS

Don't forget to return your 1999 repeater datasheet. If you have any questions: E-mail: help@sera.org or call Toll Free: 1-888-593-5527

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . conclude!

SAURATOWN MT	N4QLX	53.210 -	UNKN	

2 METERS

AHOSKIE	WB4YNF	145.130 -	UNKN	
BALD CREEK	N1BEC	147.045 +	UNKN	
CROWDERS MT/GAST	WD4PLY	145.450 -	UNKN	
FRANKLIN	W4GHZ	147.240 +	UNKN	
GASTONIA/SPCR MT	W4REW	147.120 +	UNKN	
KANNAPOLIS	N4JEX	147.300 +	UNKN	
LELAND	N4CTJ	145.170 -	UNKN	

220 MHZ

BALD CREEK	N1BEC	224.120 -	UNKN	
HENDERSONVILLE	N4UQS	224.960 -	UNKN	
WILMINGTON	WB4KPF	224.680 -	UNKN	

440 MHZ

AHOSKIE	WB4YNF	444.200 +	UNKN	
ASHEVILLE	KD4GEU	442.650 +	UNKN	
BALD CREEK	N1BEC	444.875 +	UNKN	
CHARLOTTE	KD4OWV	443.950 +	UNKN	
CROWDERS MTN	KD4FRP	443.675 +	UNKN	
GASTONIA/SPCR MT	WB4VTE	444.550 +	UNKN	
KANNAPOLIS	N4JEX	443.250 +	UNKN	
KANNAPOLIS	N4JEX	443.350 +	UNKN	
WHITAKER MTN	WA4QFV	444.325 +	UNKN	

SOUTH CAROLINA UNKNOWN LIST

2 METERS

AIKEN	KY4S	145.170 -	UNKN	
#CANADYS	WB4FOH	145.390 -	UNKN	
COLUMBIA	WB4NEP	146.715 -	UNKN	
COLUMBIA	N4EOY	147.360 +	UNKN	
GREENWOOD/HODGES	KB4CS	145.130 -	UNKN	
INMAN	WD8OXE	145.150 -	UNKN	
#ORANGEBURG	N4VMA	146.880 -	UNKN	J
SUMMERTON	N4LWY	145.150 -	UNKN	
SUMTER/SHAW	W4VFR	147.060 +	UNKN	

220 MHZ

CHARLESTON	KA4NRL	224.180 -	UNKN	
COLUMBIA	KC4SWI	224.640 -	UNKN	
COLUMBIA	N4EOY	224.900 -	UNKN	
CROSS	KB4VFD	224.580 -	UNKN	
FLORENCE	N4JJ	224.940 -	UNKN	
ORANGEBURG	KO4BR	224.780 -	UNKN	
SUMTER	K4GYR	224.860 -	UNKN	
SUMTER/SHAW	W4VFR	224.660 -	UNKN	
WEST SPRINGS	KN4CW	224.440 -	UNKN	

440 MHZ

CHARLESTON	KD4PBC	444.950 +	UNKN	
COLUMBIA	N4EOY	443.000 +	UNKN	
FLORENCE	N4JJ	444.000 +	UNKN	
GOOSE CREEK	N4CNN	421.250 +	UNKN	
LEXINGTON	N4GUP	421.250 +	UNKN	
SUMTER	K4GYR	444.500 +	UNKN	

TENNISSEE UNKNOWN LIST

6 METERS

GUTHRIE (TN/KY)	KA4ZKL	53.230 -	UNKN	

2 METERS

CHARLESTON	KD4LDU	147.060 -	UNKN	
#KNOXVILLE	KD4CWB	147.000 -	UNKN	
LAFOLLETTE	KA4OAK	145.130 -	UNKN	
LAFOLLETTE	KA4OAK	147.360 +	UNKN	
LAKE CITY	WB4OAH	146.820 -	UNKN	
LEBANON	WB4DOR	145.390 -	UNKN	
MCMINVL/SHT MT	WB4LHO	145.490 -	UNKN	
MEMPHIS	KE4LFZ	146.730 -	UNKN	J
MEMPHIS	N4WAH	147.120 +	UNKN	
MORRISTOWN	WB4OAH	147.225 +	UNKN	
MURFREESBORO	WB4LHO	145.170 -	UNKN	
NASHVILLE	K4AYN	147.045 +	UNKN	
NASHVILLE	WB4NTM	147.360 +	UNKN	
NASHVILLE W	WB4NTM	146.640 -	UNKN	
NASHVILLE W	WB4NTM	146.670 -	UNKN	
RIDGETOP	WD4FFM	145.290 -	UNKN	
SAVANNAH	KF4SCT	146.910 -	UNKN	
SHELBYVILLE	N4VFB	147.060 +	UNKN	J
SHORT MTN	W4YXA	146.910 -	UNKN	
TRENTON	KN4KP	146.865 -	UNKN	
WALLAND	KB4PIO	146.685 -	UNKN	J

220 MHZ

CLEVELAND	KK4US	224.320 -	UNKN	
LAFOLLETTE	KA4OAK	224.280 -	UNKN	
MORRISTOWN	N4RBB	224.400 -	UNKN	
NASHVILLE	WB4NTM	224.080 -	UNKN	
NASHVILLE	WA4PCD	224.940 -	UNKN	
SEVIERVILLE	N2FUV	224.440 -	UNKN	

440 MHZ

CHATT/MONTLAKE M	KD4UWA	444.875 +	UNKN	
FRANKLIN	N4ULM	443.850 +	UNKN	
MEMPHIS	N4WAH	444.500 +	UNKN	
#MORRISTOWN	KD4LP	444.800 +	UNKN	
NASHVILLE	KJ4ZQ	421.250 +	UNKN	
NASHVILLE	WB4NTM	444.150 +	UNKN	

1270 MHZ

NASHVILLE	KD4EEW	439.250 +	UNKN	

VIRGINIA UNKNOWN LIST

2 METERS

NORFOLK	WA4ZUA	145.170 -	UNKN	

WEST VIRGINIA UNKNOWN LIST

2 METERS

LEON	WD8OHX	147.180 +	UNKN	
MORGANTOWN	K8LG	145.430 -	UNKN	
SPENCER	WT8Z	147.105 +	UNKN	
ST MARYS/BENS R	WB8ECC	147.030 +	UNKN	

220 MHZ

#LEON	WD8OHX	223.780 -	UNKN	

440 MHZ

MORGANTOWN	K8LG	444.700 +	UNKN	
WHEELING	N8EKT	444.975 +	UNKN	

UNKNOWN REPEATER LISTS

The preceding list of repeaters are classified as "Unknown." By unknown, we mean that these listing have been purged from our main listing because we do not officially know if the repeaters indicated actually exist.

The SERA records department mails out datasheets for updates each year to all known repeaters and listings in the 8-state area. These "unknowns" have not been heard from in any form for a period of 3 or more years.

Various attempts to contact the persons responsible for the listings, in some cases have been unsuccessful. Other cases, owners refuse to cooperate. Some listings in this "unknown" area may possibly be in some phase of being "de-coordinated" by the District Coordinator (Director).

If your repeater is on this Unknown list, and you fill out your 1999 datasheet which you should have received in the mail this past month - this action will be sufficient to have the repeater removed from the Unknown list, and put back on the regular repeater indexes under the proper state. Any questions email: help@sera.org or toll free 1-888-593-5527. We'll be glad to work with you.

SERA REPEATER INDEX LISTINGS BY FREQUENCY

SUB-TONE ACCESS FREQUENCY, IF USED BY REPEATER, IS LISTED

10 METERS

29.6000 / 29.6000			
W4CM	NEWPORT NEWS		VA
29.52 0 / 29.6200			
KF4XH	#MACON		GA
29.5200 / 29.6200			
KQ4XL	MONROE		GA
KC4XE	WILKESBORO		NC
WB4IUY	ZEBULON		NC
W4ZJM	MEMPHIS	*#	TN
KA8OTX	BECKLEY		WV
29.5400 / 29.6400			
N4NEQ	ATL/MARIETTA	118.8	GA
KK4CZ	LOUISVILLE		KY
KE4QOX	HIGH POINT	103.5	NC
W4CAT	GALLATIN/BNA	107.2	TN
WB4NKM	GREENEVILLE		TN
WB8CQV	CHARLESTON		WV
29.5600 / 29.6600			
K4GRW	NEWPORT		NC
N4JEH	ROCKY MOUNT		NC
W4GL	SUMTER		SC
WA4YGM	UNION CITY		TN
KE4QOX	FANCY GAP	123.0	VA
WA8YWO	RICHWOOD	100.0	WV
29.5800 / 29.6800			
N4BZJ	DALTON		GA
WW4DC	THOMASVILLE	88.5	NC
N8ITF	SPRINGFIELD	107.2	TN
KE4QOX	BECKLEY		WV

6 METERS

51.2000 / 51.7000			
WA4YNZ	#CUMMING		GA
52.5250 / 52.5250			
WW4DC	THOMASVILLE	88.5	NC
52.0100 / 53.0100			
WA4YNZ	#ROSWELL		GA
KC4QK	ASHLAND	107.2	KY
N5EKR	ELLISVILLE		MS
K4GRW	NEWPORT		NC
KE4QOX	THOMASVILLE	88.5	NC
N0WFL	BLYTHEWOOD		SC
WM4T	GRAY/HOLSTON MT		TN
WA4KOG	MEMPHIS		TN
WA4BGK	NASHVILLE	114.8	TN
KI4ZR	LEXNGTN/ROCK MT.		VA
52.0300 / 53.0300			
NA4I	AUGUSTA		GA
K4ITL	RALEIGH		NC
KF4FTD	MORRISTOWN		TN
52.0500 / 53.0500			
KC4JNN	EMMA	100.0	GA
K5HYE	MENDENHALL		MS
AB5MU	NETTLETON	192.8	MS
WA4PXV	#GRANDFATHER MT		NC
N4JEH	ROCKY MOUNT		NC
WA4BGK	GALLATIN	114.8	TN
52.0700 / 53.0700			
WB4AEG	CARTERSVILLE	123.0	GA
KB4PTJ	WILLIAMSBURG	100.0	KY
KD4FWS	MT.AIRY/FANCY GP	100.0	NC
WB4IUY	ZEBULON	88.5	NC
KB4MIC	GUM SPRING		VA
52.0900 / 53.0900			
KD4DKW	ATL/MARIETTA	118.8	GA
WB4PLA	MARS HILL		NC
KF4IXW	REELSBORO	162.2	NC
NO4Q	WAVERLY		TN
WB8BON	ROANOKE/POOR MT		VA
52.1100 / 53.1100			
W4GR	LAWRENCEVILLE	103.5	GA
N4XTF	GASTONIA/CRWDR		NC
KD4BGD	LUMBERTON		NC
WD4GYN	OAK RIDGE		TN
KB4YKV	AMELIA COURTHSE		VA
N8CQQ	FLATWOODS		WV
52.1300 / 53.1300			
N4BZJ	DALTON		GA
N4EQT	LAWRENCEBURG	107.2	KY
WA4FOT	HENDERSONVILLE	131.8	NC
WB4GJG	DANVILLE(DCC)		VA
52.1500 / 53.1500			
WB4IOB	KNXVL/ENG MT		TN
N8ITF	SPRINGFIELD	107.2	TN
N4CH	BEDFRD/THAX MT		VA
52.1700 / 53.1700			
N4RBT	CLEVELAND		GA
WW4DC	THOMASVILLE	88.5	NC
K4BGW	LAFOLLETTE		TN
KE4SFU	RICE		VA
N8FWL	BECKLEY		WV
52.1900 / 53.1900			
KN4AS	LITTLE MOUNTAIN	156.7	SC
WA4UCE	COOKEVILLE		TN
W8WDK	ALDERSON		WV
52.2100 / 53.2100			
N1KDO	MARIETTA	79.7	GA
N4WWB	GATE CITY		VA
K8WGB	GASSAWAY	123.0	WV
52.2300 / 53.2300			
KD4JFN	PITTSBORO	107.2	NC
KQ4E	MORRISTOWN		TN
52.2500 / 53.2500			
KF4BMG	MARIETTA	79.7	GA
WA4PEN	RALEIGH		NC
WA4YON	#KNOXVILLE		TN
KT4QW	NEWPORT NEWS	100.0	VA
N4CH	ROANOKE		VA
52.2700 / 53.2700			
KC4CBQ	HIAWASSEE	79.9	GA
KA4UHL	NANCY	100.0	KY
N4DRL	BYHALIA		MS
WD4BQW	ASHEVILLE		NC
KC4GYM	GILBERT	162.2	SC
WD4KZK	ROCKY MT/FERRUM	107.2	VA
52.2900 / 53.2900			
KE4PN	PINE LOG MT.	198.2	GA
KF4UAQ	LOUISVILLE		KY
KF4SXO	CHESTER		SC
WA4CQK	FANCY GAP	100.0	VA
52.3100 / 53.3100			
K4SER	WILLIAMSTON		NC
KD4SQB	ROAN MTN		TN
KB8TJH	SHIRLEY		WV
52.3300 / 53.3300			
KD4FVI	CRAWFORD	88.5	GA
AD4CC	HIGHLAND HEIGHTS		KY
N4ZHC	CLINTON		NC
K4JWJ	W. JEFFERSON	100.0	NC
KC8CSE	SNOWSHOE		WV
52.3500 / 53.3500			
WR4BEG	SOPHIA/RANDLMN		NC
K4VCM	CHATTANOOGA		TN
NU5O	MCNAIRY	107.2	TN
52.3700 / 53.3700			
KD4MYE	YOUNGSVILLE		NC
KC4PDQ	MARYVILLE		TN
52.3900 / 53.3900			
KA4UFM	DECATUR		GA
KF4XH	#MACON		GA
KE4RKF	WAYNESBURG	100.0	KY
KC4YOZ	#RANLO	107.2	NC
WB3R	AMELIA		VA
52.4100 / 53.4100			
WA1YYN	EFLAND	107.2	NC
KO4MZ	GVL/CSR'S HEAD	131.8	SC
52.4300 / 53.4300			
KR4OL	BOLINGBROKE		GA
WA4DBY	LOUISVILLE	151.4	KY
AD4DN	WILMINGTON	88.5	NC
K4GX	KINGSPORT		TN
KD4SUU	CHESTERFIELD		VA
N4GBO	VESTA	107.2	VA
52.4500 / 53.4500			
KC5PIA	LAUREL		MS
W4UNC	CHAPEL HILL		NC
52.4700 / 53.4700			
N4UOX	DOUGLASVILLE	88.5	GA
KE4JYN	PEARISBURG	107.2	VA
52.5500 / 53.5500			
N4OQJ	KNOXVILLE	100.0	TN
K4RDK	MEMPHIS		TN
52.5700 / 53.5700			
KD4AOZ	WATKINSVILLE		GA
KE4LGL	LEXINGTON		KY
KE4KEH	LYNCHBURG		VA
52.5900 / 53.5900			
KF4QDS	KVILLE/HIPOINT	103.5	NC
KF4IWA	MOUNTAIN REST		SC
WB8YST	BECKLEY	107.2	WV
52.6300 / 53.6300			
K4JWJ	MT MITCHELL	100.0	NC
WB8YST	CHARLESTON	107.2	WV
52.6500 / 53.6500			
KC4SBJ	ROCKY MOUNT		NC
KB4YFV	WHITE TOP MTN		VA
52.6700 / 53.6700			
WA4WRS	BARIUM SPRINGS		NC
51.2000 / 53.7100			
KE4OVN	DRESDEN	107.2	TN
52.7100 / 53.7100			
WB8YST	RICHWOOD	107.2	WV
51.2200 / 53.7300			
K4YC	IVEY/MACON	88.5	GA
52.7500 / 53.7500			
W4YWH	HIGHLAND HEIGHTS		KY
WA4PXV	#WEST JEFFERSON		NC
K4GX	#ROGERSVILLE	114.8	TN
N8PEI	MARMT/CHARLSTN	141.3	WV
52.7700 / 53.7700			
W4GL	SUMTER		SC
52.7900 / 53.7900			
WR4MG	WARNER ROBINS		GA
WA4NC	BOONE	136.5	NC
52.8100 / 53.8100			
WD4KNE	#STANTON		KY
WB4SRV	CLAREMONT	118.8	NC
W4EBM	FAYETTEVILLE		NC
52.8900 / 53.8900			
KB0Y	LAKE PARK	141.3	GA
WA4OHX	HAMPTON		VA
52.9300 / 53.9300			
W4GMM	MEMPHIS	107.2	TN
52.9700 / 53.9700			
KD4FWS	MT.AIRY/FANCY GP	100.0	NC
52.5250 / 145.2100			
N4ARK	NASHVILLE		TN

2 METERS

144.6100 / 52.5250			
N4ARK	NASHVILLE		TN
144.5100 / 145.1100			
N4MXC	COCHRAN	107.2	GA

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

KR4HV	DOUGLASVILLE	88.5	GA
KC4UPE	LEESBURG	192.8	KY
K5HYE	MENDENHALL	100.0	MS
KC5NIX	OKOLONA		MS
W5WA	PASCAGOULA	123.0	MS
W4PCN	KILL DEVIL HILLS	131.8	NC
KR4RR	ROBBINSVILLE	151.4	NC
KD4MYE	YOUNGSVILLE	88.5	NC
WB4TWX	FORT MILL		SC
W4GS	MYR BCH/CONWAY		SC
NQ4Y	COOKEVILLE		TN
WM4T	GRAY	100.0	TN
KD4GCT	JACKSON		TN
N4ARK	NASHVL/FAIRVIEW		TN
WA4CQK	FANCY GAP	100.0	VA
K4YPE	RICHMOND		VA
N8RV	FROST		WV
K8SA	SALT ROCK	110.9	WV
144.5300 / 145.1300			
K4SEX	NEWNAN		GA
WR4SG	VALDOSTA	141.3	GA
N4RBL	LOUISVILLE AREA	151.4	KY
KJ4VF	MOREHEAD		KY
W4RNC	RALEIGH	88.5	NC
K4JR	SUMTER		SC
K4CMY	CHATTANOOGA		TN
N4SSB	GALLATIN	107.2	TN
KF4SCT	MEMPHIS	107.2	TN
N4VL	GALAX/LKOUT MT	103.5	VA
KB8EUN	GLENVILLE		WV
144.55 0 / 145.1500			
K8VE	PHILIPPI	103.5	WV
144.5500 / 145.1500			
W4AQL	ATLANTA		GA
K4YC	IVEY/MACON	77.0	GA
KY4JW	MONTICELLO		KY
AD4BI	PIKEVILLE	107.2	KY
K5LFP	PICAYUNE		MS
K2IMO	ELM CITY	88.5	NC
W4GSO	GREENSBORO		NC
KE4ZTD	HATTERAS ISLAND	131.8	NC
W4NHV	#LUMBERTON		NC
W4RJC	DECATUR-PONE KB		TN
W4XS	FRANKLIN		TN
K0JXI	MEMPHIS		TN
K4ARO	GREENBAY		VA
KA4IXK	RADFORD/RINER		VA
144.5700 / 145.1700			
WA4DIW	JONESBORO		GA
W8PRH	HALLS GAP		KY
N5DWU	PETAL	136.5	MS
K4CCR	ANDSN MT/DENVER	88.5	NC
N4NCK	OXFORD		NC
KF4SCT	BRUCETON	107.2	TN
WB4GBI	KNOXVILLE		TN
WV8B	BECKLEY/BOLT	100.0	WV
144.5900 / 145.1900			
WB0QGH	LAWRENCEVILLE		GA
KB4SQI	SALYERSVILLE	127.3	KY
K5YD	BOONEVILLE		MS
W5CJR	HATTIESBURG	136.5	MS
KA4SQN	JACKSONVILLE		NC
WA4BVW	MT MITCHELL		NC
K4GWH	RALEIGH	156.7	NC
N0YVN	COLUMBIA		SC
N4OTT	CARTHAGE		TN
KD4XV	JASPER	127.3	TN
WB3R	AMELIA		VA
WB8YJJ	RICHWOOD		WV
KA8YEZ	WHEELING		WV
144.6100 / 145.2100			
KC4RRO	EASTMAN		GA
WA4EPK	FAYETTEVILLE		GA
W8PRH	LEXINGTN/GRGTWN		KY
KB5IKR	MENDENHALL	100.0	MS
K4OLC	HIGH PEAK MTN	94.8	NC
WB4TQD	TRENTON		NC
NS4SC	LEXINGTON		SC
W4BBB	KNOXVILLE/RACK	100.0	TN
W2GLJ	MEMPHIS		TN
N4ARK	NASHVILLE		TN
W2MS	KILMARNOCK		VA
N2EDE	ROANOKE/POOR MT.		VA
WB8FEQ	HUNTINGTON		WV
144.6300 / 145.2300			
KB0Y	CORDELE	141.3	GA
KS4BS	DALTON		GA
K4BR	WAYNESBORO		GA
W8PRH	LOUISVILLE		KY
KC5QYG	MCLAIN		MS
KC5VZI	#NEW ALBANY		MS
N4VBH	BEULAVILLE		NC
W4UNC	CHAPEL HILL	131.8	NC
W4BFB	CHARLOTTE		NC
W4CAT	LAVERNE		TN
KB4KIE	MAYNARDVILLE		TN
KE4NTL	RIPLEY	100.0	TN
N4CH	BEDFORD		VA
W4MT	NEWPORT NEWS	100.0	VA
N8FWL	BECKLY/OAK HILL	100.0	WV
WJ8G	ELKINS	103.5	WV
144.6500 / 145.2500			
N4YYD	CHATSWORTH	71.9	GA
K4YC	IVEY		GA
AD4YJ	LEXINGTON	110.9	KY
NC4FR	GREENSBORO/LVLX	88.5	NC
WA4USN	CHARLESTON	123.0	SC
K4USC	UNION		SC
KT4WS	CARLISLE		TN
N4WXS	ERWIN/PINNACLE		TN
KD8XK	BLUEFIELD	100.0	VA
KQ4RH	MONTPELIER		VA
144.6700 / 145.2700			
KT4X	SANDERSVILLE	77.0	GA
KE4PN	WALESKA/PNLGMT	103.5	GA
N4KJU	PAINTSVILLE		KY
KD4BOH	ROCKPORT		KY
N5NBG	WALLS	162.2	MS
KB5DZJ	WIGGINS	136.5	MS
K4ROK	FARMVILLE	131.8	NC
WA4KNI	HENDSVL/BERWLW		NC
KM4AR	MIDWAY	77.0	NC
KC4GYM	COLUMBIA	127.3	SC
WB4WZK	HENDERSONVILLE		TN
KD4CLA	PIGEON FORGE	100.0	TN
N8FMD	BIRCH RIVER	103.5	WV
144.6900 / 145.2900			
W4IBM	ATLANTA		GA
NA4I	AUGUSTA	100.0	GA
WR4MG	PERRY	107.2	GA
AC2DC	LOUISVILLE	151.4	KY
N4VOS	STANTON		KY
WJ5L	VICKSBURG		MS
W4BFB	CHARLOTTE		NC
KO4XC	CLAYTON		NC
WN3X	COINJOCK		NC
KB4BPV	#HIGH POINT	88.5	NC
W4GS	SURFSIDE BEACH	91.5	SC
W4AM	CHATTANOOGA	67.0	TN
KF4ZQA	ELIZTON/HOLS MT		TN
N4UTN	RUSTBURG		VA
KA8ZXP	GLENVILLE		WV
144.7100 / 145.3100			
WA4JDR	STOCKBRIDGE		GA
KC4KZT	DAVID		KY
WB5GOJ	CHATAWA		MS
KC4WPM	BAKERSVILLE		NC
WD4IIP	LEXINGTON	88.5	NC
K4ITL	ROSEBORO		NC
KD4KOJ	BEAUFORT		SC
KT4DG	CHESTER		SC
WA4PNI	ATHENS	141.3	TN
KF4SC	JACKSON		TN
KC4ECD	LAFAYETTE	151.4	TN
KD4KWP	CHESTERFIELD	127.3	VA
N8FCJ	BECKLEY/LAYLAND	100.0	WV
KB8TJH	SHIRLEY		WV
144.7300 / 145.3300			
KF4ODQ	EASTMAN	77.0	GA
WA4OGE	JONESBORO		GA
N4XGI	ST SIMONS ISLAND	131.8	GA
KF4INN	VERSAILLES		KY
N4DRL	BYHALIA		MS
KK4YP	GOLDSBORO	100.0	NC
N4VRD	MOUNT AIRY	100.0	NC
KF4JVI	TRYON		NC
WA4DFP	BAMBERG		SC
WD4DBJ	CUMBERLAND CITY		TN
WA4TEM	KNOXVILLE		TN
KE4ZBH	FARMVILLE		VA
W4VB	NORFOLK		VA
WR8M	WILLIAMSON		WV
144.7500 / 145.3500			
W4DOC	ATLANTA	146.2	GA
W4GTA	LOOKOUT MTN	100.0	GA
KD4MFS	OCILLA		GA
AI4HB	RADCLIFF	173.8	KY
KD4DAX	WILLIAMSBURG		KY
KA5WMH	OLIVE BRANCH		MS
N5ZMZ	UTICA		MS
WA4AOS	CHARLOTTE		NC
WD4JPQ	GREENVILLE	131.8	NC
KE4OVN	DRESDEN	107.2	TN
WD4JYD	NOLENSVILLE		TN
N4AZJ	BLAND	103.5	VA
KF4LWH	SOUTH BOSTON		VA
W8GK	CHARLESTON	91.5	WV
W8SP	FAIRMONT	103.5	WV
144.7700 / 145.3700			
AA4UA	AUGUSTA		GA
KB4IZF	JASPER	100.0	GA
W4BKM	MACON		GA
KE4YVD	RICHMOND	192.8	KY
K5IJX	HATTIESBURG	136.5	MS
N5PYQ	SOUTHAVEN	107.2	MS
N4NCK	BUTNER		NC
N4AGN	N. WILKESBORO		NC
K4PPD	SHALLOTTE		NC
KB4KIE	KNOXVILLE		TN
WR3S	NASHVILLE		TN
W4HZL	GLOUCESTER	100.0	VA
KC4RBA	LYNCHBURG		VA
N8TNB	BECKLEY/EOC		WV
K8VNQ	PARSONS	118.8	WV
144.7900 / 145.3900			
K4HYB	GRIFFIN	88.5	GA
WF4N	#CENTRAL CITY		KY
N4EQT	LAWRENCEBURG	107.2	KY
WD8IFH	SO. PORTSMOUTH		KY
N4ZVN	MONROE/UCARS		NC
WB4TQD	RALEIGH	82.5	NC
W4AM	CHATTANOOGA		TN
W4WC	GREENEVILLE		TN
K4ARO	ROANOKE/POOR MT	107.2	VA
WD8EOM	WESTON		WV
144.8100 / 145.4100			
W4PME	ATLANTA/BELL	100.0	GA
NA4I	AUGUSTA		GA
WR8CRA	#COVINGTON		KY
WA4MXO	JACKSON		KY
KK4CZ	LOUISVILLE	127.3	KY
KC5IF	D'IBERVILLE		MS
N4XO	HIGH POINT		NC
K4SER	WILLIAMSTON	131.8	NC
W4WBT	#ROCK HILL		SC
N4VIH	DOVER		TN
WB4NKM	GREENEVILLE		TN
K5FE	MEMPHIS	107.2	TN
NQ4Y	MONTEAGLE	114.8	TN
KF4ADM	WILLIAMSBURG	127.3	VA
N8FHE	BUCKHANNON		WV
WV8AR	LIBERTY	123.0	WV
W8IFL	UNION		WV
144.8300 / 145.4300			
K4LCI	ATLANTA		GA
KA4EIM	JESUP		GA
AA4RI	MACON		GA
KA5BEE	GLOSTER	136.5	MS
KU4W	RAEFORD	118.8	NC
K4QFQ	SPARTA/GREEN MT		NC
KF4GHC	GILBERT	156.7	SC
KB4YTU	BROWNSVILLE		TN
KF4SCT	BUCKSNORT	107.2	TN
WA4UCE	COOKEVILLE		TN
WB4YLC	KNOXVILLE		TN
AD4OV	COEBURN	103.5	VA
W4SQT	RICHMOND		VA
144.8500 / 145.4500			
W4BOC	DECATUR		GA
KC4TX	LEXINGTON		KY
WX5P	FULTON		MS
N5ZQC	SHARON	100.0	MS
WR4AGC	DURHAM		NC
K4GRW	NEWPORT		NC
WD4EOG	CLEMSON UNIVERSI		SC
N7GZT	ORANGEBURG	91.5	SC
K4SIR	BENTON		TN
WA4KOG	MEMPHIS		TN
KQ4E	MORRISTOWN		TN
KF4GHD	#MT PLEASANT	127.3	TN
AA4HQ	SALUDA		VA
N8LGY	GRANTSVILLE	103.5	WV
WB8SXZ	WELCH		WV
144.8700 / 145.4700			
KD4HMH	BONAIRE		GA
KF4UM	RICEBORO		GA
N4CLA	SWEAT MT/MARIETT		GA
WB4GGH	BARDSTWN/NELSN		KY
KF4ZTB	HUEYSVILLE	79.9	KY
WA4WMM	MAYSVILLE		KY
KF4SCT	OXFORD	107.2	MS
W4OIX	KINSTON		NC
W4NC	SAURATOWN MT	100	NC
KN4RG	GAFFNEY	141.3	SC
KI4CB	MYR BCH/CONWAY	179.9	SC
WB4GBI	KNOXVILLE		TN
KF4RBR	MOUNTAIN CITY	103.5	TN
N4ARK	NASHVILLE		TN
N4ZCM	SOUTH HILL		VA
W8FG	SUMMERSVILLE	100.0	WV
144.8900 / 145.4900			
W4DV	AUGUSTA		GA
KA4WUJ	CORDELE	103.5	GA
W4LMA	MARIETTA		GA
W4KVK	HENDERSON		KY
WB4CWF	LEXINGTON		KY
N5VGK	TUPELO		MS
NT4K	FRANKLIN		NC
WB4IKY	GIBSONVILLE	107.2	NC
W4BWC	RALEIGH	88.5	NC
W4APE	CHERAW		SC
WA4KOG	BRADEN		TN
W8MOP	BLUEFIELD		VA
WA4OHX	HAMPTON		VA
WV8G	PARKERSBURG		WV
146.0100 / 146.6100			
W4CVY	COLUMBUS		GA
WD4KWV	CORBIN		KY
KC4FRA	MADISONVILLE		KY
KC5QZW	LAUREL		MS
WD4JMS	NEW BERN	100.0	NC
WB4TOP	RALEIGH	131.8	NC
KC4WIF	ELLOREE	118.8	SC
W4NYK	GRNVLE/CSRS HD		SC
W4AM	CHATTANOOGA		TN
WA4PCD	NASHVILLE		TN
K4JP	ABINGDN/BRMLY MT		VA
WA4YSE	CHESAPEAKE		VA
W4WWQ	LYNCHBURG	136.5	VA
WB8MZI	GASSAWAY		WV
146.0250 / 146.6250			
N4UJT	ELBERTON		GA
K4ULW	WEBSTER	151.4	KY
KC5ULN	COLUMBUS		MS
KE5WO	PORT GIBSON		MS
N4WET	BANER ELK/SUGAR		NC
K4USB	BUXTON	131.8	NC
KI4RR	LAURINBURG		NC
KF4SXO	CHESTER		SC
KF4TNP	CORNERSVILLE	107.2	TN
WB4GBI	KNOXVILLE	100.0	TN
N4ABU	MARTIN		TN
WV8B	FLAT TOP/WINTRPL	100.0	WV
146.0400 / 146.6400			
W4FWD	CARROLLTON	131.8	GA
AE4PO	WAYCROSS	141.3	GA
WA4UXJ	CANE VALLEY		KY
WA4YZY	#PINEVILLE	100.0	KY
K5XU	MADISON		MS
WB5NAY	MOOREVILLE		MS
WB4YAO	HENDERSONVILLE		NC
W4DW	RALEIGH	88.5	NC
W4NC	WINSTON-SALEM	100	NC
W4GL	SUMTER		SC
KA4QYI	HARRIMAN	100.0	TN
WB4KQQ	MEMPHIS		TN
W4WIC	FINCASTLE		VA
N4QLF	MARION	103.5	VA
WB4QEY	RICHMOND		VA
WB8EZR	HUNTINGTON/CHAS		WV
146.0550 / 146.6550			
N4NFP	ATLANTA/MARIETTA	118.8	GA
W4WSM	BOWLING GREEN-SO		KY
WD4DZC	DANVILLE		KY
K4CUW	PADUCAH		KY
KC5ZZH	MERIDIAN		MS
K4CEB	CONCORD/KANNAP.		NC
WA4VTX	ELIZABETH CITY		NC
KD4KOJ	BEAUFORT		SC
KD4AOK	BROWNSVILLE		TN
KM4ME	LAWRENCEBURG		TN
W4OLB	MARYVILLE/ALCOA		TN
WA4ISI	ALTAVISTA		VA
N8ZPX	FLATWOODS	123.0	WV
N8SNW	IAEGER		WV
146.0600 / 146.6600			
W4BKM	MACON		GA
146.0700 / 146.6700			
W4ABP	GAINESVILLE	131.8	GA
KF4SJO	HAZARD		KY
K5DGL	NEW ALBANY		MS
KB5ZCX	PURVIS		MS
K4FHB	BURLINGTON		NC
WA4BKU	FOREST CITY		NC
AD4DN	WILMINGTON	88.5	NC
AD4U	ST. MATTHEWS	156.7	SC
W4UD	BRISTOL		TN
K4BGW	LAFOLLETTE		TN
K4HZS	DUBLIN		VA
K4RC	WILLIAMSBURG		VA
WD8JNU	RAVENSWOOD		WV
146.0850 / 146.6850			
WD4IWL	ADAIRSVILLE		GA
KB4KZY	FAYETTEVILLE		GA
N4CO	GEORGETOWN	107.2	KY
KE4RNM	OWENSBORO	110.9	KY
W5KHB	NATCHEZ		MS
W4NBR	GRIFTON	88.5	NC
KE4WSX	STATESVILLE		NC
K4USC	UNION		SC
WA1ZMS	BEDFRD/APL ORCH	100.0	VA
N8FMD	CLARKSBURG	103.5	WV
WB8NAM	DANVILLE		WV
146.1000 / 146.7000			
W4MM	ALBANY		GA
W4OOM	JASPER		GA
KD4BWK	LAGRANGE	141.3	GA
WB4DOJ	MILLEDGEVILLE	67.0	GA
K4NLX	SAVANNAH		GA
KY4KY	BROOKS	151.4	KY
KF4JO	GRAYSON		KY
WB4FUR	BAY ST. LOUIS		MS
W5LV	GRENADA		MS
W5FQ	MERIDIAN		MS
KD4GLB	CROSSNORE	167.9	NC
N4CID	DUNN		NC
W4PAX	LANCASTER		SC
KF4FOF	PICKENS		SC
KF4BVQ	ANDERSON CTY	100.0	TN
W4UOT	MANCHESTER	114.8	TN
WB4MMI	RAMER	107.2	TN
WA4YGM	UNION CITY		TN
K4AU	DANVILE/WHT OAK	107.2	VA
KF8PT	NORFOLK		VA
KK4QS	PENNINGTON GAP		VA
KD4WWF	STAUNTON	131.8	VA
146.1100 / 146.7100			
KF4FO	HOPKINSVILLE		KY
146.1150 / 146.7150			
K4NVG	LAVONIA	100.0	GA
W4ABZ	RINGGOLD	67.0	GA
KI4B	BEREA		KY
KD4JFN	HAW RIVER	107.2	NC
N4GGN	MILLERS CREEK		NC
KB4JUB	SALTILLO		TN
W9KIC	BLACKSBURG		VA
KA4DZU	WALKERTON		VA
KD8GL	SHERRARD		WV
146.1300 / 146.7300			
W4MM	ALBANY		GA
KD4NC	ATLANTA/SWEAT MT		GA
K4TVE	BRUNSWICK		GA
AC4AO	LEXINGTON		KY
KC5IF	BILOXI		MS
KD5GVU	STARKVILLE	210.7	MS
W4BWC	RALEIGH	88.5	NC
W4EXU	SALISBURY	94.8	NC
W4VNK	WILMINGTON		NC
K4NAB	N. AUGUSTA		SC
WD4BJY	SIMPSONVILLE		SC
WB4IOB	KNXVL/ENG MT		TN
WA4KPA	WATERTOWN	100.0	TN
W4QR	HAMPTON		VA
WB8SPW	LEWISBURG	100.0	WV
146.1450 / 146.7450			
WA4BKF	ATHENS		GA
KD4RTR	MILLARD	141.3	KY
KC4QPR	MORGANTON		NC
NN4N	DILLON/PEE DEE		SC
WB4RCK	DYERSBURG		TN
KC4WHL	HARRIMAN		TN
K4ROA	ROANOKE/POOR MT	107.2	VA
WF8U	PARKERSBURG (OH)		WV
146.1600 / 146.7600			
KS4QA	LOOKOUT MTN	67.0	GA
W4BOC	STONE MT	107.2	GA
KF4BJM	VALDOSTA	141.3	GA
K4KJQ	LEXINGTON		KY
K4CUW	PADUCAH		KY
W5AXQ	JACKSON		MS
WA4BVW	ASHVL/MT PISGAH		NC
K4GWH	GREENSBORO	88.5	NC
KO4S	SWANSBORO		NC
WB4THL	WILSON	131.8	NC
K4ESG	MT PLEASANT		SC
K4JP	BRSTL/HOLSTN MT		TN
WA4PCD	NASHVILLE	114.8	TN
WA4TFZ	CHARLOTTESVILLE	88.5	VA
KB4ZIN	WILLIAMSBURG		VA
W8VA	HUNTINGTON		WV

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

W8CUL	MORGANTOWN		WV
W8ZQ	WHEELING		WV
146.1750 / 146.7750			
N4NFP	MARIETTA	118.8	GA
KB4NA	WRENS		GA
W4PPM	MIDDLESBORO		KY
KJ4OG	TOMPKINSVILLE		KY
AE4SK	VANCEBURG		KY
W5CJR	HATTIESBURG	136.5	MS
NC4SU	RALEIGH	88.5	NC
K4JYH	SOUTHPORT		NC
KF4GHC	FORT JACKSON	156.7	SC
KF4SCT	FRUITLAND	107.2	TN
W4JVO	PULASKI/MUSIC MT		TN
WB3T	WYTHEVILLE	107.2	VA
KB8BWZ	ELKINS		WV
146.1900 / 146.7900			
KD4GEY	FOLKSTON		GA
WD4KOW	MOULTRIE		GA
K4SEX	#NEWNAN		GA
W4YWH	HIGHLAND HEIGHTS		KY
KA4UHL	NANCY	100.0	KY
K5TYP	BILOXI		MS
K4OAR	CLINTON		NC
KK4AT	SAURATOWN MT	107.2	NC
N4AW	ANDERSON/SAS MT		SC
WA4USN	CHARLESTON		SC
W4AM	CHATTANOOGA		TN
W4ABR	JOHNSON CITY		TN
W4KIB	MEMPHIS	107.2	TN
W4SQE	NASHVILLE		TN
N4SD	CHESAPEAKE		VA
NM8T	OAK HILL		WV
146.2050 / 146.8050			
K4PDQ	MACON	77.0	GA
KA4NNE	GUTHRIE		KY
W8PRH	HAZARD		KY
KF5C	STARKVILLE	192.8	MS
N4EWG	FAYETTEVILLE		NC
K4GNC	GASTONIA/CRWDR		NC
W4DCG	ROCKY MOUNT	118.8	NC
KF4ATU	ORANGEBURG	156.7	SC
W4EYJ	CROSSVILLE		TN
WB4VXX	#LEWISBURG		TN
KB6BUL	SELMER	127.3	TN
WA4HTI	COVINGTON		VA
W4ML	MECHANICSVILLE		VA
147.4050 / 146.8050			
KC4AQS	JASPER	100.0	GA
W4DJB	CANTON		NC
KU4RK	CLAYPOOL HILL	103.5	VA
146.2200 / 146.8200			
W4MM	ALBANY		GA
W4DOC	ATLANTA	146.2	GA
K4HVK	KIBBEE		GA
W4CMR	IRVINE	192.8	KY
K5HYE	MAGEE	100.0	MS
WB4PZA	ROARING GAP		NC
K4GMP	WILMINGTON	88.5	NC
W4NYK	GRNVLE/PARIS MT		SC
W4BS	MEMPHIS		TN
AB4SW	WINCHESTER		TN
N4RAG	BLACKSTONE	131.8	VA
N4WWB	GATE CITY		VA
WB8IFS	CHARLESTON		WV
146.2350 / 146.8350			
KC4GSS	THOMSON		GA
KC4ZOX	SALVISA	192.8	KY
WB4PLA	#ASHEVILLE		NC
KB4TOH	COLUMBIA	131.8	NC
W4USH	WADESBORO		NC
KT4YW	CHARLESTON		SC
KB4YTM	HUNTINGDON		TN
W4LYR	WATERTOWN	100.0	TN
KK4EH	GRUNDY/BIG A MT		VA
N4UTN	RUSTBURG/LONG MT	173.8	VA
147.4350 / 146.8350			
N4KHQ	DAHLONEGA	100.0	GA
N4NNR	HIGH POINT		NC
146.2500 / 146.8500			
W4RPO	DALLAS		GA
KE4WAQ	SAVANNAH		GA
WA4ORT	WARNER ROBINS		GA
KM4IV	PIKEVILLE		KY
K5JMD	BUDE	103.5	MS
K4CYP	GOLDSBORO		NC
WA4DSZ	HICKORY/BRT. MT		NC
KE4YVP	REIDSVILLE	103.5	NC
W4ULH	FLORENCE		SC
WA4KJH	GTLBG/COVE MTN	127.3	TN
WA4KOG	MEMPHIS		TN
W4AY	NASHVILLE	114.8	TN
W4POX	PORTSMOUTH	100.0	VA
WA4ZBP	STAUNTON	131.8	VA
W8WDK	BECKLEY/FLAT TOP		WV
N8ZAR	BUCKHANNON		WV
146.2650 / 146.8650			
WB4DKY	MADISON	179.9	GA
KM4OF	OWENSBORO		KY
KG4AEU	RICHMOND		KY
KD4HLH	LAURENS	107.2	SC
KF4DPU	CROSSVILLE		TN
KC4UBU	NORTON	103.5	VA
147.4650 / 146.8650			
N5DWU	ELLISVILLE	136.5	MS
KB4YSX	MURPHY/STALCUP	151.4	NC
WA4ZRS	WAXHAW	94.8	NC
WZ8E	MOUNTAIN LAKE	110.9	VA
146.2800 / 146.8800			
W4BTI	MARIETTA/ATLANTA	100.0	GA
WA4NKL	QUITMAN		GA
W4HBB	SAVANNAH		GA
W4PF	LOUISVILLE		KY
KA4UHL	SOMERSET		KY
K5QNE	JACKSON	100.0	MS
WB4TQD	RALEIGH		NC
W4NYR	SHELBY		NC
WD4CYZ	BRISTOL		TN
WA4KOG	MEMPHIS		TN
WA4PCD	NASHVILLE		TN
W4SKH	OAK RIDGE		TN
W4RAT	RICHMOND		VA
WA4V	SALEM		VA
WB8CQV	SO. CHARLESTON		WV
146.2950 / 146.8950			
WA4RBS	HARTWELL	100.0	GA
N3SM	MACON	123.0	GA
K4JBV	FLORENCE	100.0	KY
KA4BLZ	LYNN GROVE	210.7	KY
W4APE	PAGELAND		SC
KF4HNV	CROSSVILLE	118.8	TN
WD4EGD	DANDRIDGE		TN
N4RAG	CHARLOTTESVILLE	131.8	VA
WA4KXV	VIRGINIA BEACH		VA
WB3T	WYTHE/WALKR TOP	103.5	VA
147.4950 / 146.8950			
WD4LUQ	DALLAS	77.0	GA
KC4KZT	DORTON	141.3	KY
N5DWU	ELLISVILLE	136.5	MS
146.3000 / 146.9000			
WB4WVH	IRVINGTON		KY
146.3100 / 146.9100			
WB4HIG	C;EV;MD/LONG MT		GA
K4HYB	GRIFFIN		GA
K4GFY	MOREHEAD	123.0	KY
KS4TO	WADDY	107.2	KY
K5VV	HERNANDO		MS
K5OCM	NATCHEZ		MS
WA4ZGQ	AHOSKIE	131.8	NC
W4MOE	ASHVL/SPIVEY MT	91.5	NC
WB4YZF	FAYVLLE/CFARS	100	NC
K4IZM	LEXINGTON		NC
W4BWZ	WHITE HALL		SC
KC4ROG	KNOXVILLE		TN
N4RKM	FARMVILLE		VA
K4TUE	MT.LAKE/BALD KNB	107.2	VA
N8BQ	MCMECHEN		WV
146.3250 / 146.9250			
WA4ASI	COVINGTON		GA
W4BEJ	RADCLIFF		KY
WB5VOJ	CORINTH	107.2	MS
W4APE	BISHOPVILLE		SC
W4GZX	CLEVELAND		TN
WA4TLZ	CUMBERLAND CITY	127.3	TN
WD4OBW	JONESBOROUGH		TN
WA4TFZ	CHARLOTTESVILLE		VA
WB4GJG	DANVILLE(DCC)	107.2	VA
WD8OGY	PRINCETON/PIPEST		WV
146.3400 / 146.9400			
KT4N	AUGUSTA		GA
W4VO	ROME/MT. ALTO		GA
WA4RVB	WRIGHTSVILLE		GA
KA4OIL	ASHLAND		KY
KY4X	GLASGOW	114.8	KY
K4MSU	MURRAY		KY
KB5DWX	AMORY	192.8	MS
KA5SBK	JACKSON	100.0	MS
K5JMD	MCCOMB		MS
W4DLH	BURGAW		NC
WA4IZG	BUTNER	156.7	NC
W4BFB	CHARLOTTE		NC
W4ACY	MANTEO/WANCHES		NC
AD4T	MOUNT AIRY	100.0	NC
KF4CDR	CHARLESTON	123.0	SC
W4IQQ	GREENVILLE	7	SC
WB4GBI	KNOXVILLE		TN
N4BSM	MEMPHIS	107.2	TN
K4UMI	HAMPTON		VA
W4ZA	RICHMOND		VA
N4AP	ROANOKE		VA
KD8AB	FENWICK		WV
W8CWO	WEIRTON		WV
146.3550 / 146.9550			
K5PRE	BLAIRSVILLE		GA
KD4WOU	#MONROE		GA
WR4MG	PERRY	107.2	GA
KF4BRO	FLEMINGSBURG	107.2	KY
N5EKR	ELLISVILLE		MS
KC5OB	ISOLA		MS
KD4WAR	BURNSVILLE		NC
K4RNC	ROCKINGHAM		NC
NT4L	#NASHVILLE	114.8	TN
WZ8E	BLUEFIELD/ONEIDA	100.0	VA
146.3700 / 146.9700			
K4CLJ	ATLANTA		GA
W4HBB	SAVANNAH		GA
K4DPP	#HENDERSON		KY
W8PRH	STANTON		KY
KI5FW	MERIDIAN	100.0	MS
N5PH	PASCAGOULA		MS
N5EYM	WINONA		MS
N4XRY	MOUNT AIRY		NC
K4WGG	SMITHFIELD		NC
N4AW	ANDERSON		SC
W4GEY	FLORENCE		SC
W4TRC	KNGSPT/BAYS MT		TN
WD4MWQ	MCMINNVILLE		TN
WA4RWK	MEDINA		TN
W4SKH	OAK RIDGE		TN
W4WRN	STAUNTON		VA
WA4KXV	VIRGINIA BEACH		VA
KJ8E	LOGAN/WRD RK MT		WV
N8NBL	PARKERSBURG (OH)		WV
146.3800 / 146.9800			
W4BEJ	ELIZABETHTOWN		KY
146.3850 / 146.9850			
K4KNS	AUGUSTA		GA
KC4ZGN	ELLIJAY/TALONA M	77.0	GA
KN4FE	WARM SPRINGS		GA
N5LRQ	COLLINS	136.5	MS
KB5DMT	SENATOBIA		MS
K4OGB	ALBEMARLE		NC
WD4PVE	MARION	118.8	NC
KC4PRD	NASHVILLE		TN
KK4MW	#CLINCHCO	103.5	VA
W4CA	ROA/POOR MT		VA
KF8LL	NEW MARTINSVILE		WV
146.4000 / 147.0000			
K5UFH	CORINTH		MS
N5DXM	WATER VALLEY		MS
WD4FVO	JACKSONVILLE		NC
N0WFL	BLYTHWOOD		SC
W4YLT	MARION		SC
WB4YXZ	PICKENS		SC
WA4HMT	SUFFOLK	100.0	VA
K8WMX	ST ALBANS		WV
147.6000 / 147.0000			
WW4T	BOGART		GA
KE4LR	SHELBYVILLE		KY
KG4M	WILLIAMSBURG		KY
KC5ULN	COLUMBUS		MS
W5IQ	JACKSON		MS
WW4DC	THOMASVILLE	88.5	NC
WA4CBX	BLOUNTVILLE		TN
WD4SGA	CLARKSVILLE		TN
KA6UHV	COLLEGEDALE		TN
W4ZJM	MEMPHIS	*#	TN
KD8ZR	TERRA ALTA		WV
146.4150 / 147.0150			
N4GIS	CARTERSVILLE		GA
N4YSB	YADKINVILLE		NC
AB4M	LYNCHBURG	131.8	VA
K4AXO	NORTON/HIGH KNB	88.5	VA
147.6150 / 147.0150			
KM4DT	BONAIRE	82.5	GA
KF4UM	HINESVILLE		GA
AD4RU	IRVINE		KY
N5JHK	MONTICELLO		MS
KF4OGO	LINCOLNTON		NC
KD4MYE	RALEIGH		NC
W4GL	SUMTER	156.7	SC
KJ4ZQ	NASHVILLE		TN
AA4KS	RCKWD/MT ROSVLT		TN
KF5SCT	UNION CITY	107.2	TN
AA8TH	RICHWOOD		WV
146.4300 / 147.0300			
WV5D	LAUREL		MS
K4YTZ	ROCK HILL		SC
WA4JST	RICHMOND		VA
147.6300 / 147.0300			
W4REI	ATLANTA/AIRPORT		GA
KD4ULE	HOPKINSVILLE	103.5	KY
W4PJZ	LOUISVILLE	151.4	KY
W5LDD	OCEAN SPRINGS		MS
W4GG	GREENSBORO	131.8	NC
KB4DJT	ROANOKE RAPIDS		NC
KF4CVO	BARNWELL	156.7	SC
K4NMB	#N. MYRTLE BEACH		SC
W4BV	FAYETTEVILLE		TN
W4EM	MEMPHIS		TN
KQ4E	MORRISTOWN		TN
KC8IT	MULLENS		WV
146.4450 / 147.0450			
K4AIH	ANDRWS/ROBNSVL	151.4	NC
147.6450 / 147.0450			
KE4ZRT	DOUGLAS	141.3	GA
KD4AOZ	WATKINSVILLE		GA
KJ4VF	GRETHEL		KY
KE4OOS	PARIS	141.3	KY
KB5LCL	POLKVILLE	141.3	MS
KC4DBZ	#COOL SPRINGS		NC
W4NHV	LUMBERTON		NC
KE4MJC	#STATESVILLE		NC
WD4OZN	BOLIVAR		TN
N2UP	LIVINGSTON		TN
KE4CKJ	STAUNTON/EL.KB	131.8	VA
WA4SBC	VIRGINIA BEACH		VA
146.4600 / 147.0600			
W4CQ	CHARLOTTE		NC
KF4AGO	SOUTH BOSTON		VA
KA8PNC	PRINCETON		WV
147.6600 / 147.0600			
WA4DDI	MACON		GA
N4CLA	ROSWELL		GA
W4UCJ	THOMASVILLE		GA
K4LOL	BOWLING GREEN	156.7	KY
W4NJA	PADUCAH		KY
N5OCF	RICHTON		MS
WA4LED	MACO	88.5	NC
KB4UG	GRNVL/VIKING MT		TN
WA4MQQ	MEMPHIS		TN
WB4VWR	ENON	107.2	VA
N8ZAR	BUCKHANNON	123.0	WV
147.6700 / 147.0700			
N4NMC	LOUISVILLE	151.4	KY
146.4750 / 147.0750			
NM8T	SMITHERS		WV
147.6750 / 147.0750			
W4GR	LAWRENCEVILLE	82.5	GA
WB4CJB	PEMBROKE		GA
N4TLP	OWINGSVILLE		KY
NC5Y	JACKSON		MS
K4CCR	NEWTON	88.5	NC
KD4JFN	PITTSBORO	107.2	NC
KT4BU	EASTOVER	156.7	SC
WQ4E	GREENBRIER	107.2	TN
WB4GBI	KNOXVILLE		TN
KF4SCT	MCNAIRY	107.2	TN
AD4ZK	NORFOLK		VA
W4PNT	WAYNESBORO		VA
KE8MR	MORGANTOWN	103.5	WV
147.6900 / 147.0900			
KE4RWR	BAINBRIDGE		GA
KC4YHM	EATONTON	179.9	GA
K2YRW	YOUNG HARRIS	79.9	GA
KF4CWK	DAWSON SPRINGS	103.5	KY
KJ4YK	PHELPS		KY
KB5DSN	AMORY		MS
N5MRS	NEW HEBRON		MS
WB5FXH	#SUMNER		MS
W4GDF	GREENVL/ESTN NC		NC
KF4ATU	ORANGEBURG	156.7	SC
K4JLA	SPARTANBURG		SC
AD4QG	EVA		TN
K4NLP	JAMESTOWN	100.0	TN
W4GMM	MEMPHIS	107.2	TN
W4BRC	GALAX/BRIRP MT		VA
N4TZE	GOOCHLAND		VA
N4RAG	MARLINTON	131.8	WV
146.5050 / 147.1050			
KE4GUA	NO. COLUMBIA	156.7	SC
147.7050 / 147.1050			
WB6RTH	ATLANTA	77.0	GA
NC4D	STATESBORO		GA
N4EQT	FRANKFORT	107.2	KY
K9ZK	#HAWESVILLE		KY
KB5SAR	WAYNESBORO		MS
K4ITL	BROADWAY		NC
WA4KNI	HENDERSONVILLE		NC
KD4NEC	CLEVELAND		TN
K4TC	HENDERSON		TN
W4LYR	LEBANON	100.0	TN
WB4JBJ	BEDFORD		VA
147.7200 / 147.1200			
W4CMA	CEDARTOWN		GA
KT4N	#LINCOLNTON		GA
KA4KMT	#LOUISVILLE		KY
WB4ASZ	WINCHESTER		KY
NO5N	ACKERMAN		MS
WN4Z	ROCKY MOUNT	131.8	NC
W4GS	MYRTLE BEACH		SC
W4GGM	COLUMBIA		TN
K4EAJ	OAK RIDGE	82.5	TN
WB8POC	PATRICK SPRINGS	107.2	VA
WB8DKM	BRIDGEPORT		WV
WB8NAM	MADISON		WV
147.7350 / 147.1350			
N4BZJ	DALTON	100.0	GA
KB0Y	LAKE PARK	141.3	GA
K4FRM	MILLEDGEVILLE	123.0	GA
KE4INT	ARTEMUS	107.2	KY
KE4SZK	FRANKLIN	136.5	KY
KB5UIX	VOSSBURG	136.5	MS
K4HXZ	BREVARD		NC
K4ITL	CHAPEL HILL	82.5	NC
WA4US	WILMINGTON	67.0	NC
KF4GPE	CHESTERFIELD		SC
WB4EDS	ALAMO		TN
N4AZJ	PEARISBURG	100.0	VA
KC4VDZ	RICHMOND	107.2	VA
KE8MR	DAVIS	103.5	WV
147.7500 / 147.1500			
K4BYK	CUMMNG/SAWNE MT		GA
KA9KOP	#LOUISVILLE		KY
KI5WI	BOONEVILLE		MS
KF5IZ	PEARL/RANKIN CO	88.5	MS
K4VLY	MORGANTON		NC
K4ITL	ROANOKE RAPIDS	82.5	NC
WD4NUN	MONCKS CORNER		SC
WA4PCD	NASHVILLE WEST	114.8	TN
K4EAJ	OAK RIDGE	82.5	TN
KB4RFN	CLINCHCO	88.5	VA
WA8YWO	RICHWOOD	100.0	WV
147.7650 / 147.1650			
KF4XH	#MACON		GA
N4NEQ	MORGANTON		GA
WD4LYT	TYRONE	88.5	GA
W4WSM	BOWLING GREEN		KY
WA4HBM	LEXINGTON		KY
WB4UBY	PRESTONSBURG		KY
W4UA	HIGH POINT		NC
KD4PBK	LUMBERTON	88.5	NC
W4GWD	GREENWOOD	107.2	SC
KF4BRS	ERWIN/UNICOI		TN
WA4CEX	PURYEAR		TN
KR4BT	SPARTA/WHITE	123.0	TN
W8CXD	FOREST	114.8	VA
W4CM	NEWPORT NEWS		VA
WC8K	WESTON		WV
147.7800 / 147.1800			
N4BMA	AUGUSTA		GA
WD4NHW	BALDWIN		GA
WB4BDP	WARNER ROBINS		GA
K4LRX	HENDERSON	141.3	KY
KE4ZJT	LONDON	151.4	KY
W4CN	LOUISVILLE		KY
K5LFP	PICAYUNE		MS
KC5LIO	WEST POINT		MS
WA1YYN	EFLAND	156.7	NC
AC4RC	WILMINGTON	88.5	NC
W4DXA	#FORT MILL		SC
WA4HNK	SUMMERVILLE	123.0	SC
WD4DES	CLEVELAND	118.8	TN
WA4KOG	MEMPHIS		TN
K4ZGA	NASHVILLE	114.8	TN
KB4YKV	AMELIA COURTHSE		VA
WD4ITN	MONTEREY	100.0	VA
WB3S	PKS KB/PULASKI	103.5	VA
147.7950 / 147.1950			
K4JPD	ATLANTA		GA
W4UCJ	BOSTON		GA
KJ4VF	LEXINGTON		KY
KA5FYW	SUMRALL		MS
N4NIN	#LENOIR		NC
KO4CW	RALEIGH	88.5	NC
W4APE	FLORENCE		SC
KC4FV	ARNOLD A.F.B.		TN
KD4CWB	KNOXVILLE	100.0	TN
N8ITF	#ORLINDA		TN
WA4RTS	LYNCHBURG	136.5	VA

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

KF4ADJ	SMITHFIELD	100.0	VA
NV8H	LOGAN SOUTH	100.0	WV
147.8100 / 147.2100			
KF4GHF	CONYERS	162.2	GA
K4LNX	SAVANNAH		GA
KB4DFK	BLACK MOUNTAIN	103.5	KY
K4HY	OWENSBORO	110.9	KY
N5SPJ	UNION	100.0	MS
W4BUZ	GREENSBORO		NC
W4NTQ	WHITEVILLE		NC
K4AVU	LITTLE MT.		SC
N4WS	COOKEVILLE		TN
WF4Q	JACKSON	107.2	TN
KB8NJH	AMBER RIDGE	107.2	WV
N8FMD	CLARKSBURG	103.5	WV
147.8250 / 147.2250			
W4RLP	SUMMERVILLE		GA
W4CMR	#IRVINE		KY
N4DRL	BYHALIA		MS
W5BJT	#FRENCH CAMP		MS
WB4SRV	CLAREMONT	118.8	NC
WR4AGC	HILLSBOROUGH		NC
W4DTW	SANTEE		SC
NO4Q	WAVERLY		TN
NO4Q	WAVERLY		TN
KA4VXR	HAMPTON	136.5	VA
WB8NRK	PRINCETON	114.8	WV
147.8400 / 147.2400			
AE4JO	EMERSON	103.5	GA
WB4NFG	IRWINTON	77.0	GA
KC4QK	ASHLAND	107.2	KY
W4GZ	FARMINGTON		KY
KC4AI	FRANKFORT	100.0	KY
KF4TLT	HYDEN	186.2	KY
N5ELS	TUPELO		MS
W2SE	CARTHAGE		NC
W4SIJ	FOREST CITY	123.0	NC
W8QKO	HILTON HEAD		SC
AC4VT	LANCASTER	88.5	SC
W4LKZ	GALLATIN	114.8	TN
KD4ZTK	BOYDTON		VA
N4MGQ	ELK CRK/IRON MTN	107.2	VA
147.8550 / 147.2550			
WD4KDT	STONE MTN		GA
AE4PO	WAYCROSS	141.3	GA
KD4YGK	CENTER	151.4	KY
N4IOX	#DIXON		KY
K4CO	HIGHLAND HTS.	123.0	KY
KC5RC	LAUREL		MS
KJ4AV	ASHEBORO		NC
WA4KNI	HENDSVL/PENIC		NC
W4RRC	LEESVILLE	123.0	SC
KJ4SI	PETROS/FRZ HD MT	94.8	TN
K4BW	ACCOMAC	156.7	VA
WD4CYZ	#CLINCHCO		VA
KC8CNL	HINTON	100.0	WV
WA8LLM	PARKERSBURG		WV
147.8700 / 147.2700			
WA1KMS	COVINGTON	127.3	GA
WB4EJK	LOUISVILLE	151.4	KY
KE4AIE	ST. CHARLES		KY
WB5USN	ABERDEEN		MS
K5ZRO	VICKSBURG	100.0	MS
W4CQ	CHARLOTTE		NC
AK4H	RALEIGH BENSON	100.0	NC
N4SM	WAYNESVILLE		NC
W4ANK	CHARLESTON AREA		SC
WA4JRJ	SENECA/LONG MT		SC
WA4YQC	GALLATIN	114.8	TN
WB0TMC	JACKSON		TN
KE4FH	JOHNSON CITY		TN
WB4IKL	GUM SPRING		VA
KB4QWO	ROANOKE/POOR MT		VA
WV8AR	SCOTT DEPOT	123.0	WV
147.8850 / 147.2850			
WA4VBX	ATLANTA/GPCO		GA
W4PVW	CHULA	103.5	GA
KC4WWU	KINGSLAND	118.8	GA
KC4ZFH	LONDON		KY
KB5TGA	CORINTH		MS
N4ADM	AIKEN		SC
N4LV	MYB BCH/BRKSVIL		SC
W4RCW	#WHITE OAK MTN		SC
KF4JPT	PIKEVILLE		TN
KF4KVG	MARTINSVILLE	107.2	VA
KA4ZIP	WARSAW		VA
W8LG	PINEVILLE		WV
N8HON	SPRUCE KNOB		WV
147.9000 / 147.3000			
N4ALE	COLBERT		GA
WB4YSV	ROME		GA
WR4MG	WARNER ROBINS	107.2	GA
K4ICN	ALLEN	123.0	KY
WA4SJH	SPRINGFIELD		KY
KA5LNY	MAGEE		MS
KK4X	JEFFERSON	103.5	NC
W4MZP	RED SPRINGS		NC
WB4IUY	WILSON	88.5	NC
K4LWS	AWENDAW	103.5	SC
W4CAT	GALLATIN	114.8	TN
W4BBB	KNOXVILLE/RACK	100.0	TN
WA4ADT	MEMPHIS	107.2	TN
K4SPS	FRANKLIN	131.8	VA
KI4ZR	LEXINGTON		VA
WB8NSL	HARISVL/PENSBRO		WV
147.9150 / 147.3150			
AD4EQ	DOUGLAS		GA
KR4KS	#NORTH ATLANTA	100.0	GA
KC4TX	#HODGENVILLE		KY
KC4VXR	SALEM		KY
N5DWU	WAYNESBORO		MS
KF4HFQ	ROLLESVILLE	88.5	NC
K4MPJ	SAURATOWN MT	100.0	NC
K4PPD	SHALLOTTE		NC
N4UZT	N. SPARTANBURG	141.3	SC
KD4HZN	ROGERSVILLE	114.8	TN
N4ARK	#SPARTA	123.0	TN
KT4EQ	TELLICO PLAINS		TN
K4HWQ	GRUNDY		VA
147.9300 / 147.3300			
W3LAP	COCHRAN	77.0	GA
K4NLX	SAVANNAH		GA
KA4DIP	TOCCOA		GA
WA8KWH	ASHLAND		KY
KA4CFW	BOWLING GREEN		KY
WD4KNE	#MT. STERLING		KY
N5EPP	PHILADELPHIA		MS
W4LPL	FAYVLLE/FT BRAGG		NC
KN4K	LENOIR/HIBRITN	141.3	NC
KF4GHC	COLUMBIA	156.7	SC
WD4ORB	MORGAN COUNTY	82.5	TN
KI4ZR	LEXNGTN/ROCK MT.		VA
147.9450 / 147.3450			
N4NEQ	ATLANTA/MARIETTA	118.8	GA
KF4TLT	STINETT		KY
KG5SF	GREENVILLE		MS
N5ZMZ	UTICA		MS
WA4IXW	MADISON	103.5	NC
W4NYR	SHELBY		NC
KF4DTL	SYLVA	151.4	NC
WA4TEP	WASHINGTON		NC
N7GZT	ADAMS RUN (CHAS)		SC
K4UVH	CROSS PLAINS		TN
K4PHT	DAYTON		TN
NM4L	ABINGDON	103.5	VA
N4WAO	EASTVILLE	156.7	VA
W3RUA	FRANKLIN		WV
NU8K	LOGAN/SUMERCO		WV
147.9600 / 147.3600			
W4SCR	DOUGLASVILLE	88.5	GA
WA4HZX	DUBLIN		GA
KQ9Z	LOUISVILLE		KY
W5CJR	HATTIESBURG		MS
K5SVC	NATCHEZ		MS
WA4J	BOONE/RICH MTN	103.5	NC
WD4LDB	DURHAM		NC
W4PET	LUMBERTON		NC
W4BS	MEMPHIS	107.2	TN
K4KLX	PARIS		TN
KA4CBB	CHESTERFIELD		VA
KB4OLM	STUARTS DRAFT		VA
N8FWL	BECKLEY	123.0	WV
KC7OSZ	HARTMANSVILLE	127.3	WV
KC8GXI	MIDDLEBOURNE	110.9	WV
147.9750 / 147.3750			
K4TQU	ATHENS/CRAWFRD		GA
KB4VAK	LAFAYETTE	77.0	GA
K4CO	WALTON		KY
KA5VFU	GULFPORT		MS
KD4WAR	BURNSVILLE		NC
K4GWH	GRAHAM	114.8	NC
KC4UMO	#GREENVILLE		NC
KI4CB	GEORGETOWN	179.9	SC
K4LEO	#GREENWOOD		SC
KN4HL	DICKSON		TN
W4NRV	PEARISBURG	100.0	VA
W4NV	VIRGINIA BEACH		VA
WD8LNB	GRAFTON		WV
147.9900 / 147.3900			
W4MMQ	HELEN		GA
W4OHH	THOMASTON		GA
WR8CRA	COVINGTON		KY
KF4TOL	CRESTWOOD	151.4	KY
N8QCW	LOUISA	186.2	KY
KC5QHP	FOREST	100.0	MS
WA4CHZ	AQUADALE		NC
WB4IUY	CLAYTON	88.5	NC
WA4QBG	EDEN/STONEVILLE		NC
K4PPD	SHALLOTTE		NC
KE4JMH	WAYNESVILLE		NC
KA4FEC	LEXINGTON		SC
KF4L	#CLARKSVILLE		TN
K4DPD	DAYTON/RHEA CTY		TN
KQ4E	#MORRISTOWN		TN
WA4BJY	OAKFIELD		TN
K4ARO	PETERSBURG		VA
N8RCG	KEYSER	123.0	WV
WV8D	LEWISBURG	100.0	WV
WD8CYV	PARKERSBURG	141.3	WV

220 MHZ

222.3000 / 223.9000			
WB4SJV	HERMITAGE		TN
222.3400 / 223.9400			
KC4QK	ASHLAND		KY
W4ZJM	MEMPHIS	*#	TN
222.3600 / 223.9600			
WR3S	#SHORT MTN		TN
WR3S	SMITHVILLE		TN
222.3800 / 223.9800			
W4CAT	GALLATIN		TN
222.4600 / 224.0600			
W4NYR	SHELBY		NC
222.5000 / 224.1000			
KA4UHL	NANCY	100.0	KY
N4CH	ROANOKE		VA
222.5200 / 224.1200			
N4NFP	ATLANTA/MARIETTA	118.8	GA
WM4MD	MIDDLESBORO	82.5	KY
W4GL	SUMTER		SC
WV8B	FLAT TOP/WINTRPL		WV
222.5400 / 224.1400			
KD4ALC	WALESKA		GA
KB5SAR	WAYNESBORO		MS
WR4BEG	SOPHIA/RANDLMN		NC
WB4QHF	PICKENS/CSRS HD	131.8	SC
KB4PNG	ONEIDA		TN
KB4YQC	CHARLOTTESVILLE	88.5	VA
WR8M	WILLIAMSON		WV
222.5600 / 224.1600			
KC4JNN	BISKEY MTN	100.0	GA
KN4K	LENOIR/HIBRITN		NC
WR3S	NASHVILLE		TN
222.5800 / 224.1800			
N4YDX	DALLAS		GA
KB8FPK	ERWIN	88.5	TN
WA1ZMS	BEDFRD/APL ORCH	100.0	VA
222.6000 / 224.2000			
KC4OVY	ATLANTA-NE	100.0	GA
WA4US	WILMINGTON		NC
W4ILY	GREENVILLE		SC
WA4CBX	BLOUNTVILLE		TN
KB4YTU	BROWNSVILLE		TN
W4JAS	HAMPDEN-SYDNEY		VA
WB4GUG	STUART	107.2	VA
222.6200 / 224.2200			
N4NEQ	ATLANTA/MARIETTA		GA
AD4CR	VERSAILLES		KY
NF4C	ROCKY MOUNT		NC
KB4FZK	KNXVL/CROSS MT	100.0	TN
KO4BN	SPRINGFIELD		TN
222.6400 / 224.2400			
N4YYD	FT MT/CHATSWTH	71.9	GA
WA4KNI	HENDSVL/BERWLW		NC
KE4QOX	KVILLE/HIPOINT	107.2	NC
N8FWL	BECKLEY	123.0	WV
222.6600 / 224.2600			
KE4QFG	MARIETTA		GA
WA4BVW	ASHVL/MT PISGAH		NC
WR4AGC	HILLSBOROUGH		NC
N4PYI	SHORT MTN.	114.8	TN
222.6800 / 224.2800			
AB4M	LYNCHBURG		VA
222.7000 / 224.3000			
KU4PE	TEMPLE	151.4	GA
KA4MKT	LOUISVILLE		KY
N4AI	SOMERSET		KY
WA4WRS	BARIUM SPRINGS		NC
KE4CKJ	STAUNTON/EL KNOB	131.8	VA
222.7200 / 224.3200			
N4MTA	ACWORTH/ATL	123.0	GA
KA4SQN	JACKSONVILLE		NC
W4IT	PICKENS/SASFR MT		SC
N4RAG	BUCK'S ELBOW	131.8	VA
222.7400 / 224.3400			
W4DOC	ATLANTA		GA
WW4DC	THOMASVILLE	88.5	NC
WB4GBI	KNOXVILLE		TN
222.7600 / 224.3600			
N4BZJ	DALTON		GA
WB4PAC	#GRIMESLAND		NC
KA4TYO	MARSHALL		NC
WR3S	LAVERGNE		TN
WB8YST	CHARLESTON	107.2	WV
222.7800 / 224.3800			
N4RBT	DAHLONEGA	100.0	GA
N4OQJ	KNOXVILLE	100.0	TN
AA4QT	RIDGEWAY		VA
222.8000 / 224.4000			
KC4AQS	JASPER	100.0	GA
W4BFB	CHARLOTTE		NC
WB4QHF	PICKENS	131.8	SC
KB4YGI	COLLIERVILLE		TN
222.8200 / 224.4200			
KD4AOZ	WATKINSVILLE		GA
AC4AO	LEXINGTON		KY
W4BS	MEMPHIS		TN
WD4GSM	NORTON/HIGH KNB		VA
KC4J	PATRICK SPRINGS	103.5	VA
222.8400 / 224.4400			
N4NEQ	ATL/MARIETTA	118.8	GA
WB4GUG	GREENSBORO	107.2	NC
KC4TFQ	#NASHVILLE		TN
222.8600 / 224.4600			
N4BZJ	DALTON	118.8	GA
W4ABP	GAINESVILLE		GA
KB0Y	VALDOSTA	141.3	GA
KC4ZTJ	SHELBY		NC
222.8800 / 224.4800			
KE4IPX	NORCROSS		GA
W4DEX	LOCUST		NC
K4ZGA	NASHVILLE		TN
KD4HZN	ROGERSVILLE		TN
222.9000 / 224.5000			
N4MTA	ACWORTH/ATL	123.0	GA
N4FND	SHEPHERDSVILLE	151.4	KY
N4DRL	BYHALIA		MS
K4YNY	WILMINGTON	88.5	NC
W4BBB	KNOXVILLE/RACK	100.0	TN
K4RCA	MARTINSVILLE		VA
222.9200 / 224.5200			
KE4AIS	PINE LOG MTN		GA
KR4HJ	LEXINGTON	107.2	NC
K4RWN	LITTLE MTN		SC
WM4MD	JONESVILLE	100.0	VA
223.0200 / 224.5200			
W4UWH	GATLINBURG		TN
222.9400 / 224.5400			
N4YEA	DALLAS		GA
WA4BVW	MT MITCHELL		NC
N8ITF	SPRINGFIELD		TN
WB4PVT	HAMPTON	100.0	VA
222.9600 / 224.5600			
W4DOC	ATLANTA	146.2	GA
KD4RXF	LANCASTER		KY
WB4YZF	FAYETTEVILLE		NC
KC4GYM	COLUMBIA		SC
AC4JF	NEWPORT	100.0	TN
222.9800 / 224.5800			
NX9O	ALPHARETTA	100.0	GA
KR4AA	ROCKY MOUNT		NC
WA4RQF	#WINSTON-SALEM		NC
N4KFI	KNOXVILLE	103.5	TN
223.0000 / 224.6000			
N4GIS	JASPER	100.0	GA
WB4PLA	ASHEVILLE		NC
KC4KUL	HIGH POINT		NC
WA4HMT	LAKE GASTON		VA
223.0200 / 224.6200			
W4PME	ATLANTA/BELL	100.0	GA
KD4DAR	PIKEVILLE		KY
KC4IRA	GASTONIA	127.3	NC
KD4JFN	HAW RIVER	107.2	NC
W4GSF	GLOUCESTER		VA
223.0400 / 224.6400			
WB6RTH	#LOGANVILLE		GA
KS4QA	LOOKOUT MT.		GA
WA4PEN	RALEIGH		NC
WA4RQF	WINSTON-SALEM		NC
KC4RGQ	MORRISTOWN		TN
223.0600 / 224.6600			
W4BKM	MACON		GA
KE4RQL	BIG KNB/MARS HIL	100.0	NC
WA1YYN	EFLAND	107.2	NC
N4LV	SUNSET BEACH		NC
WR3S	NASHVILLE		TN
223.0800 / 224.6800			
N4BZJ	DALTON		GA
KA4RCL	WAYNESBORO	131.8	VA
223.1000 / 224.7000			
W4TIY	DALLAS		GA
WB9SZL	CLEMMONS	100.0	NC
KM4TC	DUNCAN	88.5	NC
KD4VUW	GALLATIN		TN
KD4IBW	SEVIERVILLE	100.0	TN
K4ARO	PETERSBURG		VA
223.1200 / 224.7200			
WA4DAN	TRENTON		NC
223.1400 / 224.7400			
N4KVC	DALTON		GA
KD4WAR	BURNSVILLE		NC
N4NCK	OXFORD		NC
N4PYI	NASHVILLE	100.0	TN
KC4JGC	NORFOLK	100.0	VA
223.1600 / 224.7600			
W4BOC	STONE MT		GA
KB7BTU	PLYMOUTH		NC
W4EXU	SALISBURY		NC
WQ4E	GREENBRIER		TN
KF4PCK	KNOXVILLE		TN
KF4PCK	MOORESBRG/SNED		TN
WA4TFZ	CHARLOTTESVILLE		VA
223.1800 / 224.7800			
WB5OWY	VICKSBURG		MS
WA4WGY	EDEN	103.5	NC
K4VCM	CHATTANOOGA		TN
KE4FH	JC/BUFFALO MT		TN
WA4KOG	MEMPHIS		TN
223.2000 / 224.8000			
WB5TUF	ATLANTA	110.9	GA
KR4BD	LEXINGTON		KY
KD4WJD	ZEBULON	88.5	NC
WQ4E	GREENBRIAR		TN
KD4IBW	SEVIERVILLE		TN
223.2200 / 224.8200			
KK4C	ATLANTA		GA
WR4MG	HAWKINSVILLE	107.2	GA
N4DWU	CANTON		NC
KD4LHP	KVILLE/HIPOINT	107.2	NC
223.2400 / 224.8400			
WB6RTH	#ALPHARETTA		GA
WR4MG	WARNER ROBINS		GA
WA4NC	BANNER ELK		NC
WA4DAN	GRIFTON		NC
KC4PRD	NASHVILLE		TN
N4PLV	BEDFORD		VA
223.2600 / 224.8600			
KC4JNN	ALPHARETTA	100.0	GA
KQ4Q	PEARISBURG		VA
223.2800 / 224.8800			
WD4LUQ	DALLAS	77.0	GA
N4AI	SOMERSET		KY
N4DRL	WARSAW		MS
K4AIH	ANDRWS/ROBINSVL		NC
K4DQ	FANCY GAP	100.0	VA
223.3000 / 224.9000			
W4LMA	MARIETTA		GA
WM4T	GRAY		TN
WD9JGI	SWEETWATER		TN
AA4HQ	DELTAVILLE		VA
K4YDG	ROANOKE/TINKER		VA
223.3200 / 224.9200			
KR4KS	SNELLVILLE		GA
W4NYK	GRNVL/DOWNTWN	88.5	SC
N8LGA	BLUEFIELD		VA
223.3400 / 224.9400			
WB4KXO	AUGUSTA		GA
N4GIS	WALESKA		GA
AD4RU	IRVINE		KY
WB4NKM	GREENEVILLE		TN
AB4EM	ROA/CAHAS MT		VA
223.3600 / 224.9600			
PT2RFL	ATLANTA/MARIETTA	100.0	GA
KC4ZTJ	CHERRYVILLE		NC
W3CH	GOLDSBORO	156.7	NC
N4QVI	GREENSBORO		NC
223.3800 / 224.9800			
KE4GJG	LONDON		KY

440 MHZ

434.0000 / 421.2500			
W4ZTL	ATLANTA/BELL		GA
K4NLX	SAVANNAH		GA
KJ4SO	DURHAM TV HILL		NC
KO4AT	GREENSBORO		NC
WD4ATV	JOHNSON CITY/BUF		TN
WA4GSS	HUNTINGTON		WV
KB8QHO	WHEELING		WV
439.2500 / 421.2500			
W4BEJ	ELIZABETHTOWN		KY

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

W4PPN	CHARLOTTE		NC
WZ4O	SUMTER		SC
N4XND	GLOUCESTER		VA
W4HTB	BOWLING GREEN		KY
KA5NOJ	GAUTIER		MS
N3XA	WAYNESBORO		VA
WA4VHP	SAVANNAH		GA
W4NYR	#SHELBY		NC
438.7750 / 433.0750			
WA3KOK	CHESTERFIELD		VA
426.2500 / 439.2500			
N4FHL	ROA/POOR MT		VA
446.3500 / 441.3500			
WA4USN	KNIGHTSVILLE		SC
446.4500 / 441.4500			
WA4USN	MT. PLEASANT		SC
446.6250 / 441.6250			
KF4CYI	TAYLORSVILLE	151.4	NC
446.7000 / 441.7000			
N4ZHC	CLINTON	131.8	NC
446.7250 / 441.7250			
KF4CYI	TAYLORSVILLE	151.4	NC
446.8000 / 441.8000			
KC4YNF	ACWORTH	77.0	GA
446.9000 / 441.9000			
K4ZAD	CARY		NC
447.0000 / 442.0000			
WB6RTH	ALPHARETTA		GA
KF4BTL	MARYVILLE		TN
WA4HMT	GASBURG		VA
WB3T	WYTHE/WALKER MT	103.5	VA
447.0250 / 442.0250			
WA4NMF	ATLANTA	100.0	GA
447.0500 / 442.0500			
N1KDO	MARIETTA	107.2	GA
KD4ADJ	LEXINGTON		KY
WA1YYN	EFLAND	107.2	NC
KD4XV	JASPER	127.3	TN
WB4SQC	JOHNSON CITY/HOL	100.0	TN
WA4BJY	MEDINA		TN
447.0250 / 442.0750			
W8BLA	ROSWELL		GA
447.0750 / 442.0750			
N4VOS	STANTON		KY
KE4JSZ	CASTLE HAYNE	88.5	NC
KD4JYV	UWHARRIE		NC
KC4GYM	COLUMBIA	156.7	SC
KN4VY	DAYTON		TN
447.1000 / 442.1000			
N4RBL	LOUISVILLE AREA		KY
KF4TNP	LEWISBURG	107.2	TN
WD4PAX	MILAN		TN
447.1250 / 442.1250			
KD4GRU	DALTON		GA
KF4FOF	PICKENS		SC
KB4YFV	HILLSVILLE	103.5	VA
447.1500 / 442.1500			
N4SE	ROSWELL/BELL	100.0	GA
KD4RTR	DORTON		KY
W4UNC	CHAPEL HILL		NC
WJ9J	CHATTANOOGA		TN
KA4BNI	DRESDEN	107.2	TN
KD4SUU	CHESTERFIELD		VA
447.1750 / 442.1750			
N4BZJ	DALTON	118.8	GA
K4NGQ	FRANKFORT	67.0	KY
WA4US	WILMINGTON		NC
W4GMM	MEMPHIS	107.2	TN
KD4CRM	MARTINSVILLE	118.8	VA
447.2000 / 442.2000			
KE4D	BLAIRSVILLE		GA
N3APR	DECATUR		GA
N5DWU	ELLISVILLE	167.9	MS
KS4SB	COLFAX		NC
WA4US	WILMINGTON		NC
KD4YUX	BETHPAGE	107.2	TN
WM4T	GRAY	100.0	TN
WA4BJY	OAKFIELD		TN
N4IFC	LYNCHBURG/T.ROW	103.5	VA
447.2250 / 442.2250			
WB6RTH	#ATLANTA	77.0	GA
WJ9J	RCKWOOD/OZONE		TN
KC4VHQ	WAVERLY	110.9	TN
WB4GUG	STUART	107.2	VA
447.2500 / 442.2500			
KR4KS	#NORTH ATLANTA	100.0	GA
N5DWU	ELLISVILLE	167.9	MS
KB4PQA	GREENVILLE		SC
WD4DES	CLEVELAND	118.8	TN
WA4HTI	COVINGTON		VA
447.2750 / 442.2750			
K4DDH	MACON	100.0	GA
N4ZCM	AUBURN		NC
KB8OED	LEXINGTON		NC
KF4CFO	ETOWAH	141.3	TN
KE4PFW	HENDERSON		TN
447.3000 / 442.3000			
KW4KW	RINGGOLD	118.8	GA
KC4QPR	MORG/WALKER TOP		NC
WB4IUY	ZEBULON	88.5	NC
KE2D	SUMMERVILLE		SC
WA4UCE	COOKEVILLE	107.2	TN
KC4VDZ	RICHMOND	114.8	VA
447.3250 / 442.3250			
W4JLG	MABLETON		GA
K4JBV	INDEPENDENCE	100	KY
WM4MD	MIDDLESBORO	67.0	KY
WD4ICX	ASHEBORO		NC
447.3500 / 442.3500			
WD4NHW	BALDWIN		GA
KF5TU	LAKE GASTON	100.H	NC
WA4YGD	LINCOLNTON		NC
447.3750 / 442.3750			
KE4QFG	MARIETTA		GA
KE4YRE	SHELBYVILLE		KY
W4RNR	SANFORD		NC
WA4PXV	WEST JEFFERSON		NC
447.4000 / 442.4000			
N4UER	WARM SPRINGS		GA
KF4JJD	GARRETT	79.9	KY
AA4XV	LATONIA		KY
KD4WJD	ZEBULON		NC
WB4QHF	PICKENS/CSRS HD	127.3	SC
KF4YI	LYNCHBG/JACK MT.	107.2	VA
447.4250 / 442.4250			
KC4FIE	MADISONVILLE		KY
N4TZD	LEXINGTON		NC
447.4500 / 442.4500			
WA4NMF	SNELLVILLE		GA
KD4CLR	LOUISVILLE AREA	151.4	KY
WA4TOG	HENDERSONVILLE		NC
N4LMR	RALEIGH		NC
KD4NEB	CLEVELAND	88.5	TN
WA3KOK	CHESTERFIELD	107.2	VA
447.4750 / 442.4750			
K4NVG	LAVONIA	203.5	GA
KS4QA	TRENTON	67.0	GA
KE4DGP	WILKESBORO	107.2	NC
447.5000 / 442.5000			
KE4PMP	MT. VERNON	88.5	GA
K4GFY	MOREHEAD		KY
K4YNY	WILMINGTON	88.5	NC
WB4HAP	KNOXVILLE	103.5	TN
W4CA	ROA/POOR MT		VA
447.5250 / 442.5250			
WB5TUF	ATLANTA	110.9	GA
KY4JD	FORT WRIGHT	123.0	KY
WB3T	WYTHEVILLE	103.5	VA
447.5500 / 442.5500			
WD4ELX	LOUISVILLE		KY
WA4TOG	ASHEVILLE		NC
K1BUD	PITTSBORO		NC
W4RAT	RICHMOND	127.3	VA
447.5750 / 442.5750			
WA4BPY	CUMMING	79.9	GA
AE4LW	MADISONVILLE	100.0	KY
W4MLU	RALEIGH	156.7	NC
WB4IVB	JONESVILLE	100.0	VA
447.6000 / 442.6000			
KD4FOC	DUBLIN	77.0	GA
WA4OKJ	MARIETTA	100.0	GA
KD4ADJ	MT STERLING		KY
WD4NWV	ANDRWS/ROBINSVL	151.4	NC
N8ITF	SPRINGFIELD	107.2	TN
K4ARO	PETERSBURG		VA
K4ARO	ROANOKE		VA
447.6250 / 442.6250			
W4ABP	GAINESVILLE	131.8	GA
KE4KIV	NEWTON		NC
WB4EPG	MEMPHIS		TN
447.6500 / 442.6500			
KE4FHN	DANIELSVILLE		GA
W4LOC	LOOKOUT MTN	146.2	GA
WA1ZMS	BEDFRD/APL ORCH	100.0	VA
447.6750 / 442.6750			
KE4PVE	ATLANTA	100.0	GA
KD4BOH	ROCKPORT		KY
KD4RAA	RALEIGH	100.0	NC
WA4MPZ	#BLUFFTON		SC
447.7000 / 442.7000			
KC4ZGN	ELLIJAY	77.0	GA
K4NLX	SAVANNAH		GA
KE4ZBI	ATOKA		TN
WA4PZN	SHELBYVILLE		TN
W7CP	ROA/POOR MT		VA
447.7250 / 442.7250			
KE4QFG	MARIETTA/ATL		GA
KB4YJ	LOUISVILLE	151.4	KY
N5LRQ	VOSSBURG	167.9	MS
WG4R	GREENSBORO		NC
N4GLB	SIMPSONVILLE		SC
W4RDM	SCREAMER		TN
447.7500 / 442.7500			
KM4GR	BAKERSVILLE		NC
WD4KZK	ROA/MILL MT	107.2	VA
447.7750 / 442.7750			
K4VJM	FLOWERY BRANCH		GA
KC4FIE	MADISONVILLE		KY
AE4PZ	MOUNTAIN REST	127.3	SC
KE4CIF	PULASKI		VA
447.8000 / 442.8000			
N4NFP	ATL/MARIETTA		GA
N4AAD	YADKINVILLE	100.0	NC
WD4LUR	LAKE CITY	100.0	TN
KB4MIC	GUM SPRING		VA
447.8250 / 442.8250			
W1CP	CLAYTON		GA
KC4ENL	HAPEVILLE	167.9	GA
WA1YYN	SAURATOWN MT	131.8	NC
WF4G	MEMPHIS		TN
KT4PN	ONEIDA		TN
447.8500 / 442.8500			
WB0QGH	LAWRENCEVILLE	82.5	GA
W2HR	GILBERTSVILLE	103.5	KY
KA7JXU	BREVARD		NC
KA4IXK	ROA/POOR MT		VA
WB8NSL	PENNSBORO	103.5	WV
447.8750 / 442.8750			
PT2RFL	ATLANTA/MARIETTA	100.0	GA
N4IWK	MACON		GA
W4GSO	GREENSBORO	156.7	NC
KD4DMS	SPIVEY'S CORNER		NC
KC4WHL	HARRIMAN	136.5	TN
447.9000 / 442.9000			
K3TD	BUFORD	103.5	GA
WR4MG	WARNER ROBINS		GA
W4CMR	IRVINE		KY
WW4DC	THOMASVILLE	88.5	NC
KE4CES	JACKSON	114.8	TN
W4MT	NEWPORT NEWS	100.0	VA
447.9250 / 442.9250			
KC4YHM	EATONTON		GA
K4AE	LEXINGTON		NC
WD4OAR	GEORGETOWN	107.2	TN
KB8QKM	CHARLESTON	71.9	WV
447.9500 / 442.9500			
AA4AI	ATHENS	179.9	GA
N4XGI	ST SIMONS ISLAND	131.8	GA
KF4CYI	TAYLORSVILLE	173.8	NC
AB4FU	LYNCHBURG		VA
447.9750 / 442.9750			
WA4YNZ	ATLANTA		GA
WA4YNZ	#ROSWELL		GA
NK4W	LITTLE MT	162.2	SC
KB8KSP	ABINGDON	88.5	VA
448.0000 / 443.0000			
N4OGF	CHATSWORTH		GA
KT4GB	BARDSTOWN		KY
KK4YP	PIKEVILLE		NC
W4ZJM	MEMPHIS	*#	TN
KM4X	WHITETOP MTN	103.5	VA
WB8EZR	HUNTINGTON		WV
448.0250 / 443.0250			
WA4NMF	ATLANTA	100.0	GA
KD4IEZ	DUBLIN	156.7	GA
KE4OOL	LEXINGTON	123.0	KY
WB4IKY	GIBSONVILLE	107.2	NC
N4UAG	KNOXVILLE		TN
KA8YEZ	WHEELING	77.0H	WV
448.0500 / 443.0500			
NE1H	SNELLVILLE		GA
W3CH	GOLDSBORO	156.7	NC
WB4PUB	#NASHVILLE	107.2	TN
N8FWL	BECKLEY	123.0	WV
448.0750 / 443.0750			
WA0HQQ	KENNESAW		GA
KC4ZIZ	MACON	156.7	GA
WR4BEG	SOPHIA/RANDLEMN		NC
KA4AZQ	KNOXVILLE	100.0	TN
448.1000 / 443.1000			
N4KHQ	DAHLONEGA	100	GA
KE4RNM	OWENSBORO		KY
WW4DC	SAURATOWN MT	88.5	NC
KA4JXT	MEMPHIS	107.2	TN
KN4YM	POWHATAN		VA
KE4QOX	BECKLY/OAK HILL	107.2	WV
448.1250 / 443.1250			
KU4ML	FOSTER		KY
KB4PQA	CRAB CREEK TWP		NC
WA4NNA	RALEIGH		NC
KC4PRD	GOODLETTSVILLE	107.2	TN
KA4JXT	HICKORY VALLEY	107.2	TN
KA4JXT	MEMPHIS		TN
448.1500 / 443.1500			
W4PME	ROSWELL/BELL	100.0	GA
W4HG	SALISBURY		NC
K8MHR	ST. ALBANS		WV
448.1750 / 443.1750			
N4GIS	WALESKA		GA
KC4COV	FLORENCE		KY
KD4HLH	LAURENS	146.2	SC
KF4TNP	MT PLEASANT	107.2	TN
KC4J	PATRICK SPRINGS		VA
448.2000 / 443.2000			
K4YC	IVEY	88.5	GA
W4DEX	#HAMLET		NC
KD2LH	YOUNGSVILLE	88.5	NC
KB4UG	GRNVLE/VIKING MT		TN
W4BS	MEMPHIS	107.2	TN
KB4YKV	AMELIA		VA
448.2250 / 443.2250			
N4QCP	JONESBORO		GA
KD4TAH	FRANKLIN		KY
KS4TO	WADDY		KY
N4ZCM	RALEIGH		NC
W8LG	BECKLEY/BOLT		WV
448.2500 / 443.2500			
KC4JNN	#BISKEY MTN	100.0	GA
KJ4VF	DORTON		KY
WD6GMQ	GRAINGERS		NC
448.2750 / 443.2750			
KF4TLA	LEICESTER/AVL	103.5	NC
WA4WTX	ROUGEMNT/RED MT	100.0	NC
WA4AWI	LEBANON	107.2	TN
448.3000 / 443.3000			
WB4VNT	ATHENS		GA
KB5DZJ	WIGGINS	167.9	MS
KC4SVQ	ARCHDALE		NC
KB4TOH	COLUMBIA		NC
KC4IEV	SPINDALE	123.0	NC
KA7UEC	COLLIERVILLE	107.2	TN
WA4KJH	GATLBG/COVE MT	127.3	TN
NM8T	OAK HILL		WV
448.3250 / 443.3250			
N4JMD	STOCKBRIDGE		GA
N4EQT	LAWRENCEBURG	107.2	KY
KF4IXK	KVILLE/HIPOINT	131.8	NC
448.3500 / 443.3500			
N4YYD	FT. MT/CHATSWTH	71.9	GA
K4ULW	LOUISVILLE SW		KY
W5PAW	PETAL		MS
ND4N	GRNVLE/PARIS MT		SC
WA4AWI	DEASON	107.2	TN
K4GX	ROGERSVILLE		TN
448.3750 / 443.3750			
KC4AQS	JASPER	100.0	GA
W1IFL	RALEIGH		NC
448.4000 / 443.4000			
KD4EKZ	CEDARTOWN	123.0	GA
WB4GWA	CONCORD	118.8	GA
WB4GUG	SAURATOWN MT	107.2	NC
AD4DN	WILMINGTON	88.5	NC
AC4WW	AIKEN	107.2	SC
WD4DBJ	CUMBERLAND CITY		TN
WA4QWW	MEMPHIS		TN
448.4250 / 443.4250			
KD4EVB	DRY RIDGE	100.0	KY
KD4RTR	MILLARD		KY
WA1YYN	RES. TRIANGLE PK	156.7	NC
448.4500 / 443.4500			
WB5TUF	ATLANTA	110.9	GA
KB4VAK	HIGH PT/LOOKT MT	77.0	GA
AE4NU	COX'S CREEK	151.4	KY
KC5LCW	GAUTIER	123.0	MS
N5WXD	WEST POINT		MS
N4VOZ	STATESVILLE		NC
KC4RBA	LYNCHBURG		VA
448.4750 / 443.4750			
WW4T	BOGART		GA
KC4COV	FLORENCE	192.8	KY
KE4UIU	CANTON	156.7	NC
W4UNC	CHAPEL HILL	131.8	NC
WB4TWX	FORT MILL		SC
448.5000 / 443.5000			
N4MTA	MARIETTA		GA
WD9EQC	LOUISVILLE		KY
KF4BRO	MAYSVILLE	123.0	KY
WB4UBY	META		KY
AJ0X	LAUREL		MS
WD4PQZ	G'BORO/H'POINT	77.0	NC
KD4CWB	KNOXVILLE		TN
448.5250 / 443.5250			
N4PQR	KNOXVILLE	114.8	GA
N4EUX	LENOIR/CAJAH MT		NC
KD4MJO	SOUTH HILL	100.0	VA
448.5500 / 443.5500			
KE4WLP	GRIFFIN		GA
N4HZX	GRAEFENBURG		KY
KB5SAR	WAYNESBORO		MS
KC4XE	ROARING GAP		NC
WB4LRD	CHATTANOOGA		TN
KF4PGC	SMITHFIELD	100.0	VA
448.5750 / 443.5750			
KD4NTF	CEDARTOWN	107.2	GA
WA4PXV	#GRANDFATHER MT		NC
KA6UHV	COLLEGEDALE		TN
W4LYR	LEBANON	100.0	TN
448.6000 / 443.6000			
KA4UHL	NANCY	100.0	KY
K5HYE	MENDENHALL		MS
N4DWU	MT MITCHELL		NC
KC4VHQ	BIG SANDY	114.8	TN
W8CXD	FOREST	136.5	VA
448.6250 / 443.6250			
KD4KGR	GRAY		GA
W4UWH	JASPER	100.0	GA
W4EUS	RTP		NC
KE4EAN	COWPENS	136.5	SC
KA7UEC	COLLIERVILLE	107.2	TN
AD4QG	EVA		TN
KC4MJN	JAMESTOWN	100.0	TN
WZ8E	BLUEFIELD		VA
448.6500 / 443.6500			
KE4RNM	OWENSBORO	203.5	KY
K4AIH	ANDRWS/ROBINSVL		NC
KD4WAR	BURNSVILLE		NC
KD4DNY	GREENSBORO		NC
WA4AXH	NOLENSVILLE		TN
K4UMI	HAMPTON		VA
448.6750 / 443.6750			
W4VO	ROME		GA
AD4LR	PARIS		TN
KD4IBW	SEVIERVILLE	100.0	TN
K4YD	BENT MT.	107.2	VA
448.7000 / 443.7000			
W4TIY	DALLAS		GA
KY4KY	BROOKS	151.4	KY
W5CJR	HATTIESBURG	136.5	MS
KE4QOX	KVILLE/H POINT	103.5	NC
WA4LBT	LOCUST		NC
N4JEH	ROCKY MOUNT	107.2	NC
K4VVM	BARTLETT	107.2	TN
KB4OTK	LAFOLLETTE		TN
KB8UJG	PRINCETON	123.0	WV
448.7250 / 443.7250			
KB2DZA	CONYERS	77.0	GA
KE5LT	PICAYUNE	179.9	MS
K4GWH	GRAHAM	156.7	NC
KB5YJC	NASHVILLE	107.1	TN
N8SNY	WELCH		WV
448.7500 / 443.7500			
K4GO	#COVINGTON		GA
KC4ZTI	GASTONIA/CRWDR		NC
WB4EDS	ALAMO		TN
WA4OHX	HAMPTON	100.0	VA
448.7750 / 443.7750			
W4IXN	DULUTH	82.5	GA
KF4INN	VERSAILLES		KY
WB4SRV	CLAREMONT	118.8	NC
KD4JFN	HAW RIVER	107.2	NC
KF4Y	LAURENS	141.3	SC
KA4MHJ	SPENCER	123.0	TN
WB3T	BLUEFIELD	103.5	VA
448.8000 / 443.8000			
N4NFP	ATLANTA/MARIETTA	118.8	GA
K4MSU	MURRAY	114.8	KY
N5IAT	NATCHEZ		MS
KC4QZL	MORGANTON		NC
WA4HNK	SUMMERVILLE		SC
KA4AZQ	KNOXVILLE	100.0	TN
WA1ZMS	BEDFRD/APL ORCH	100.0	VA
W4POX	PORTSMOUTH		VA
KA8OTX	OAK HILL		WV
448.8250 / 443.8250			
KD4WOU	MONROE	123.0	GA
N5ZNS	GLOSTER		MS
KC4KRM	SHELBYVILLE		TN
WB4KZI	PETERSBURG		VA
448.8500 / 443.8500			
KE4PN	#WALESKA	192.8	GA

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Concludes

WB4PQJ	BAGDAD		KY
KC4YOZ	DALLAS/CLT	100.0	NC
WA4US	WILMINGTON		NC
KE4OVN	DRESDEN	107.2	TN
KQ4I	DANVILLE		VA
KB8TGK	HUNTINGTON	88.5	WV
448.8750 / 443.8750			
KC4KPW	PINEY KNOB	103.5	NC
KD4KPV	MCKENZIE		TN
W4DUM	WILLIS		VA
W8SP	FAIRMONT		WV
448.9000 / 443.9000			
KC4KZT	DAVID	167.9	KY
W4UA	HIGH POINT		NC
W4GWD	GREENWOOD	107.2	SC
KD4HII	CHATTANOOGA		TN
WA4KOC	WHITE HOUSE		TN
N4EVG	CHESAPEAKE		VA
448.9250 / 443.9250			
KQ4XL	MONROE	123.0	GA
W4BAB	RINGGOLD		GA
W5OXA	BILOXI		MS
KE4KNZ	MCEWEN		TN
KF4AGO	SOUTH BOSTON		VA
448.9500 / 443.9500			
KA4UFM	DECATUR	110.9	GA
KC4TX	CANE VALLEY		KY
N5ZDF	HAZLEHURST	100.0	MS
WA1YYN	HILLSBOROUGH	114.8	NC
WA4US	WILMINGTON		NC
KC4FV	ARNOLD A.F.B.		TN
KD4OBX	KNOXVILLE		TN
N4ER	MEMPHIS		TN
448.9750 / 443.9750			
KE4BHZ	HAZARD	103.5	KY
WA4WGY	MAYODAN		NC
WR3S	LAVERGNE		TN
KA4WJS	ROCKWOOD		TN
N8FIP	WESTON		WV
449.0000 / 444.0000			
WB4QDX	LAWRENCEVILLE	100.3	GA
WD4AFY	SAVANNAH		GA
AD4RU	IRVINE		KY
KG5YV	CLINTON	100.0	MS
K4JEQ	HICKORY		NC
KK4YP	SELMA		NC
N0YNV	BLYTHEWOOD		SC
WD4BKY	GALLATIN	107.2	TN
KD4CWB	KNOXVILLE	100.0	TN
WA4ETE	MEMPHIS	107.2	TN
KC8IT	MULLENS		WV
449.0250 / 444.0250			
WA4NMF	LAWRENCEVILLE	127.3	GA
AE4PO	WAYCROSS	141.3	GA
KD4JFN	HIGH POINT	107.2	NC
KC4WHL	HARRIMAN		TN
K4RDK	MEMPHIS		TN
449.0500 / 444.0500			
N4NEQ	ATL/MARIETTA	118.8	GA
KE4NLL	SALYERSVILLE	127.3	KY
KB4PTJ	WILLIAMSBURG		KY
K4OLC	TAYLSVL/BARR MT		NC
N4PYI	NASHVILLE	107.2	TN
KB4OLM	STUARTS DRAFT		VA
449.0750 / 444.0750			
AE4GU	CARROLLTON	107.2	GA
KB8SBN	INDEPENDENCE	110.9	KY
KD4BOH	ROCKPORT	77.0	KY
K4CCR	ANDSN MT/DENVER		NC
KF4TNP	LEWISBURG	107.2	TN
KC4PDQ	MARYVILLE	100.0	TN
KF4ATY	MEMPHIS		TN
KD4TBC	GRETNA/SMITH MT	67.0	VA
K8OJC	HURRICANE		WV
449.1000 / 444.1000			
W4BKM	MACON		GA
W4WSM	BOWLING GREEN		KY
N4UL	LOUISVILLE	173.8	KY
KB5BRZ	MERIDIAN	131.8	MS
WR4AGC	DURHAM		NC
KC4AC	LANCASTER		SC
W4AM	CHATTANOOGA		TN
KE4FH	JOHNSON CITY		TN
KA4JXT	MEMPHIS		TN
KE4CKJ	STAUNTON/EL KNOB	131.8	VA
KB4ZIN	WILLIAMSBURG		VA
449.1250 / 444.1250			
KE4PVE	PENDERGRASS	100.0	GA
KC4ZY	LEXINGTON		KY
WB4GUG	MCLEANSVILLE		NC
KC4ECD	LAFAYETTE	107.2	TN
KA4JXT	MEMPHIS		TN
N8LVE	BECKLEY		WV
N8RCG	KEYSER	103.5	WV
449.1500 / 444.1500			
W4PME	ATLANTA/BELL	100.0	GA
WB4IVB	MIDDLESBORO	100.0	KY
WD5BJT	CLERMONT HARBR		MS
WB5YCR	NEW ALBANY		MS
KE4GTM	GASTONIA/CRWDR		NC
K4JDR	SEVEN SPRINGS	100.0	NC
W4GL	SUMTER	123.0	SC
KI4ZR	LEXNGTN/ROCK MT.		VA
KC8AOF	RIPLEY		WV
449.1750 / 444.1750			
KE4PVE	COVINGTON	100.0	GA
KC4COV	FLORENCE	192.8	KY
W4FBC	LILLINGTON	118.8	NC
KC4NNN	KNOXVILLE		TN
W2GLJ	MEMPHIS		TN
WD4ICX	FANCY GAP	107.2	VA
N8FMD	CLARKSBURG	103.5	WV
449.2000 / 444.2000			
WA4DB	#GAINSVILLE	107.2	GA
KE4QEA	#KING/SAURATOWN	100.0	NC
WA4US	WILMINGTON		NC
KF4GHC	COLUMBIA	156.7	SC
KB4YTU	BROWNSVILLE		TN
KD4HII	CHATTANOOGA		TN
N4ARK	NASHVILLE		TN
WB4VWR	ENON		VA
N8ZVK	FLATWOODS		WV
449.2250 / 444.2250			
WB4BDP	WARNER ROBINS		GA
KE4SJO	WOODSTOCK		GA
K4GWH	GREENSBORO	146.2	NC
N4ARK	NASHVILLE	107.2	TN
WV8AR	CHARLESTON	123.0	WV
449.2500 / 444.2500			
W4BOC	DECATUR		GA
WA4KNI	HENDSVL/BERWLW		NC
KD4BFI	LOUISBURG	88.5	NC
K4SER	WILLIAMSTON	131.8	NC
WA4PAJ	BARTLETT		TN
WQ4E	GREENBRIER		TN
WA4TFZ	CHARLOTTESVILLE	151.5	VA
N8ZAR	BUCKHANNON		WV
449.2750 / 444.2750			
KE4BB	CULLODEN	123.0	GA
KF4IFC	CORBIN	79.7	KY
KU4MJ	DAWSON SPRINGS		KY
W4NC	WINSTON-SALEM		NC
W4GZX	CLEVELAND		TN
WA4AXH	LEBANON		TN
KE4RTQ	ENON	114.8	VA
KC8CSE	DUNMORE		WV
449.3000 / 444.3000			
KN4KW	CRAWFORD		GA
KC4YNY	HOGANSVILLE		GA
WB4ZZD	#LOUISVILLE		KY
N4DRL	BYHALIA		MS
KC5RC	HEIDELBERG	100.0	MS
KD4JYV	ASHEBORO	118.8	NC
WA4VTX	ELIZABETH CITY	131.8	NC
N4MNH	CHARLESTON		SC
WB4GBI	KNOXVILLE		TN
WA4BZU	NASHVILLE	107.2	TN
K4BW	ACCOMACK	156.7	VA
KI4ZR	LEXINGTON		VA
449.3250 / 444.3250			
KF4BMG	MARIETTA	79.7	GA
WA4BZU	CLARKSVILLE	107.2	TN
KB4KSL	KNOXVILLE		TN
WB3T	ROANOKE	103.5	VA
KA8ZXP	GLENVILLE		WV
449.3500 / 444.3500			
W4MMQ	HELEN		GA
KE4PVE	NEWNAN	100.0	GA
WR4SG	VALDOSTA	141.3	GA
K4CO	WALTON		KY
WB4IKY	GIBSONVILLE	107.2	NC
KR4LO	GRANTSBORO		NC
WD4BKY	GALLATIN	114.8	TN
KD4CLA	PIGEON FORGE	156.7	TN
N4CH	BEDFORD		VA
WB8YST	CHARLESTON	107.2	WV
449.3750 / 444.3750			
KB4IZF	JASPER	103.5	GA
KD4DAR	PIKEVILLE		KY
KB5HAV	PEARL	88.5	MS
KE4JMH	FRANKLIN	131.8	NC
KB4WGA	HENDERSON	88.5	NC
KB4YTM	HUNTINGDON		TN
KR4BT	SPARTA	123.0	TN
N4OWU	FANCY GAP	107.2	VA
449.4000 / 444.4000			
WB0QGH	HOG MTN	82.5	GA
KD4YGK	SHEPHERDSVILLE	203.5	KY
WB4YZF	FAYETTEVILLE	100HZ	NC
KC4YOQ	FOREST CITY		NC
WA4KOG	MEMPHIS		TN
N4PYI	MT JULIET		TN
K4EAJ	OAK RIDGE	82.5	TN
W8ARA	FLATTOP/EGERIA	100.0	WV
449.4250 / 444.4250			
WB4JWM	JULIETTE	156.7	GA
N4LGT	DEANE		KY
KC4COV	JONESVILLE	118.8	KY
N4ZVN	MONROE	94.8	NC
KC4NNN	KNOXVILLE		TN
WA4ISI	ALTAVISTA		VA
KB8TJH	SHIRLEY		WV
449.4500 / 444.4500			
W4DOC	ATLANTA	146.2	GA
KO4OT	SIMPSONVILLE	100.0	KY
KD5AHI	ABERDEEN		MS
KB5LCL	JACKSON	141.3	MS
W4CQ	CHARLOTTE		NC
WR4AGC	HILLSBOROUGH	100.0	NC
KE4JMH	WAYNESVILLE		NC
WA4US	WILMINGTON		NC
KB4YTU	BROWNSVILLE		TN
W4CAT	GALLATIN	107.2	TN
WJ9J	SODDY DAISY		TN
W8MOP	BLUEFIELD		VA
449.4750 / 444.4750			
KD4GEY	FOLKSTON		GA
N4CLA	SWEAT MT/MARIETT		GA
KF4QZN	MAMMOTH CAVE	179.9	KY
AD4BI	PIKEVILLE		KY
KD4DNY	GREENSBORO	107.2	NC
N4ZKR	SUMMITVILLE	107.2	TN
AD4ZK	NORFOLK		VA
449.5000 / 444.5000			
W4MM	ALBANY		GA
WB5TUF	ATLANTA	110.9	GA
N4BZJ	DALTON	118.8	GA
KI5FW	MERIDIAN		MS
WD4ICX	LEXINGTON		NC
N4JEH	TARBORO	100.0	NC
K4JP	BRSTL/HOLSTN MT		TN
K4CQ	LYNCHBRG/TOB MT	136.5	VA
W8HYX	HURRICANE		WV
449.5250 / 444.5250			
KD4IEZ	CHESTER	156.7	GA
W4GR	SNELLVILLE	82.5	GA
KJ4VF	GRETHEL		KY
N5NNI	NEW HEBRON		MS
WA4PEN	RALEIGH	88.5	NC
WA4ZRS	WAXHAW	94.8	NC
N4LV	MYB BCH/BRKSVIL		SC
KD4IBW	KNOXVILLE	100.0	TN
WA4BGK	NASHVILLE	107.2	TN
449.5500 / 444.5500			
K4DC	LEWISPORT		KY
KC4DUU	LEXINGTON		KY
KK4VM	ROANOKE RAPIDS	192.8	NC
NQ4Y	COOKEVILLE	107.2	TN
KF4SCT	MCNAIRY	107.2	TN
WA4PCD	#NASHVILLE		TN
W4QR	HAMPTON	167.9	VA
WA4RTS	LYNCHBURG	136.5	VA
449.5750 / 444.5750			
W4SCR	DOUGLASVILLE	88.5	GA
N4MVY	PHELPS		KY
KC5CLM	PORT GIBSON	141.3	MS
N4HAJ	KINSTON	88.5	NC
K2PJ	MYRTLE BEACH	85.4	SC
W4BBB	KNOXVILLE/RACK	100.0	TN
WA4WCK	NASHVILLE		TN
449.6000 / 444.6000			
KD4YDC	FAYETTEVILLE		GA
WA4NKL	QUITMAN	127.3	GA
KF4WMM	BUSHY FORK		KY
N4NMC	LOUISVILLE	151.4	KY
KC4FIE	MADISONVILLE		KY
WA4SJH	SPRINGFIELD		KY
KB5CO	JACKSON	100.0	MS
W4BFB	CHARLOTTE	100.0	NC
KC4WXA	OXFORD		NC
KT4YW	NO. CHARLESTON		SC
WB4HAP	KNOX/ENGLSH MT		TN
WA4AUX	PROSPECT	118.8	TN
WC8K	WESTON		WV
449.6250 / 444.6250			
KM4DT	BONAIRE	82.5	GA
KC5BMJ	KINGSLAND	118.8	GA
KB4QFL	HAWESVILLE		KY
AB5MU	NETTLETON	192.8	MS
N5OCF	RICHTON		MS
WB4DVN	LUMBERTON		NC
WD4EOG	CLEMSON UNIV.	156.7	SC
KD4TUD	JEFFERSON CITY		TN
N4TK	NASHVILLE	107.2	TN
WZ8E	BLUEFIELD		VA
KF4LWH	SOUTH BOSTON		VA
449.6500 / 444.6500			
K4YC	IVEY		GA
WB4FUR	STENNIS SPC CEN		MS
N5NBG	WALLS		MS
NE4J	MIDDLESEX	179.9	NC
N4MME	#SALISBURY		NC
WA4US	WILMINGTON		NC
WB4NKM	GREENEVILLE	100.0	TN
W4CAT	SHRT MT/MURFREB	107.2	TN
N4EHJ	RICHMND/CHLTVL		VA
449.6750 / 444.6750			
KC4BCQ	HIAWASSEE	79.9	GA
N4YTR	TYRONE	77.0	GA
KC4VYX	ROBINSON CREEK		KY
KF4AWA	SALVISA	203.5	KY
N5PS	GREENVILLE		MS
W4WBT	CHARLOTTE		NC
KE4JDP	#JACKSONVILLE	88.5	NC
KD4IHW	RESEARCH TRI PK		NC
W4GS	MYR BCH/CONWAY		SC
WA4PCD	NASHVILLE		TN
WD4MIZ	NORFOLK	107.2	VA
K8WGB	GASSAWAY	123.0	WV
449.7000 / 444.7000			
WB4SBT	#BYRON		GA
WB4SBT	BYRON	103.7	GA
WD4LUQ	DALLAS	77.0	GA
KF4BJM	VALDOSTA	141.3	GA
N5KOL	BOWLING GREEN	136.5	KY
NC5Y	JACKSON		MS
KD4BGD	LUMBERTON	114.8	NC
N4JEH	ROCKY MOUNT		NC
AE4GA	STATESVILLE	94.8	NC
K4AU	DANVILE/WHT OAK		VA
N4WWB	GATE CITY		VA
449.7250 / 444.7250			
KD4AOZ	WATKINSVILLE		GA
KY4K	HENDERSON	203.5	KY
KE4ISR	LEXINGTON		KY
W4ZCD	HICKORY FLAT	179.9	MS
KD4MMP	WINSTON-SALEM	107.2	NC
WA4AKM	FRANKLIN	107.2	TN
WB0TMC	JACKSON	107.2	TN
N4CKB	SEVIERVILLE	123.0	TN
KF8FO	LEWISBURG	103.5	WV
449.7500 / 444.7500			
KC4ELV	CONYERS	162.2	GA
N4ZRF	LAKEMONT		GA
KA4MKG	ASHLAND	88.5	KY
KE4AIF	HOPKINSVILLE	103.5	KY
WB9SHH	MONTICELLO		KY
W5VZF	STARKVILLE		MS
KC4YOT	GASTONIA/CRWDR		NC
KD4JFN	PITTSBORO	146.2	NC
K4TC	HENDERSON		TN
N4PYI	MT JULIET	156.7	TN
WD4KQI	FOREST		VA
KC7OSZ	HARTMANSVILLE	141.3	WV
449.7750 / 444.7750			
N4NEQ	ATL/MARIETTA	118.8	GA
N4MXC	COCHRAN		GA
N4IWZ	ALLEN	123.0	KY
KC4UPE	NICHOLASVILLE	167.9	KY
K4JDR	CARY	100.0	NC
KR4EX	OLD FORT		NC
WA4RQF	#WINSTON-SALEM	103.5	NC
WA4AKM	GALLATIN	107.2	TN
WD4KZK	SLINGS GAP	107.2	VA
449.8000 / 444.8000			
WA4ASI	COVINGTON	88.5	GA
W4BEJ	ELIZABETHTOWN		KY
KB5CO	JACKSON		MS
WB4PMQ	GREENVILLE	131.8	NC
KF4LUC	HICKORY	94.8	NC
K4YEC	REIDSVILLE	107.2	NC
KD4QMS	SOUTHERN PINES	118.8	NC
K0JXI	MEMPHIS		TN
N4PYI	NASHVILLE	110.9	TN
KB4MIC	OILVILLE		VA
WV8B	BECKLEY/OAK HILL		WV
W8CUL	MORGANTOWN		WV
449.8250 / 444.8250			
W4DOC	ATLANTA	146.2	GA
KC4UPE	BEATTYVILLE	192.8	KY
KC4VXR	SALEM	100.0	KY
KB5DSN	AMORY		MS
KF4UY	MT AIRY/FSH PK	100.0	NC
K4GWH	RALEIGH	146.2	NC
K5FE	MEMPHIS	107.2	TN
N4PYI	SMITHVILLE	107.2	TN
WA4ZBP	STAUNTON	131.8	VA
449.8500 / 444.8500			
N4BZJ	DALTON		GA
N4YXL	GREENSBORO	103.5	GA
KF4UM	HINESVILLE		GA
AB5DU	INDIANOLA	136.5	MS
KC5LXF	PINOLA		MS
W4CQ	CHARLOTTE		NC
K4GMP	WILMINGTON	88.5	NC
WD4MWQ	MCMINNVILLE		TN
K7AG	MEMPHIS	107.2	TN
AB4SF	RICHMOND		VA
WD4KZK	ROA/READ MT	107.2	VA
AA8MR	HUNTINGTON/CHAS	131.8	WV
449.8750 / 444.8750			
KC4UPE	SALVISA	167.9	KY
N5HTQ	MCCOMB	100.0	MS
KD4RAA	RALEIGH	162.2	NC
WA4AKM	NASHVILLE	107.2	TN
KB4WTP	BIG "A" MTN		VA
449.9000 / 444.9000			
NA4I	AUGUSTA		GA
N4KHQ	DAHLONEGA		GA
WB4IVB	CORBIN	100.0	KY
W4YWH	HIGHLAND HEIGHTS		KY
N4DWT	ASHEVILLE		NC
WD4JMS	NEW BERN	100.0	NC
NE4J	WILSON	179.9	NC
WB4MMI	RAMER		TN
W4LYR	WATERTOWN	100.0	TN
N4XRY	FANCY GAP		VA
N8SCS	BELINGTON	71.9	WV
KE4QOX	LOGAN		WV
449.9250 / 444.9250			
WB4NFG	IRWINTON	77.0	GA
KY4X	GLASGOW		KY
KO4LI	OLIVE HILL		KY
N5PYQ	SOUTHAVEN	107.2	MS
WB5TTE	VICKSBURG		MS
KB4WGA	DURHAM	156.7	NC
KE4ZTD	HATTERAS ISLAND	131.8	NC
N4XRY	MOUNT AIRY		NC
AC4RZ	EASLEY/SAS MTN	103.5	SC
WA4AKM	COLUMBIA	107.2	TN
N4VIH	DOVER		TN
KD4TZD	KNOXVILLE		TN
WB8BON	ROANOKE/TINKER M		VA
449.9500 / 444.9500			
WR4MG	PERRY		GA
KD4DXR	WALESKA	88.5	GA
N4DUE	LEXINGTON		KY
WB5YGI	PHILADELPHIA		MS
N5VGK	TUPELO	192.8	MS
WA1WXL	DALLAS/CHARLTE	136.5	NC
W4DW	RALEIGH		NC
KF4GP	CLARKSVILLE	167.9	TN
W4EYJ	CROSSVILLE	107.2	TN
WB4NNE	MEMPHIS		TN
W4WRN	STAUNTON		VA
WA4KXV	VIRGINIA BEACH		VA
WB8CQV	SO. CHARLESTON		WV
449.9750 / 444.9750			
WA4YNZ	ATLANTA		GA
K4TVE	BRUNSWICK		GA
W3LAP	COCHRAN	77.0	GA
WA4YNZ	#CUMMING		GA
KC4QK	ASHLAND	107.2	KY
WB4CWF	NICHOLASVILLE		KY
KQ4ML	ASHEBORO		NC
N4JEH	CASTALIA	107.2	NC
W4YMI	NEWPORT CCARS		NC
KC4ZTJ	POLKVILLE		NC
WM3O	ORANGEBURG		SC
KQ4E	MORRISTOWN		TN
WA4AKM	NASHVILLE	107.2	TN
N4AZJ	PEARISBURG	103.5	VA
439.2500 / 911.2500			
KA5NOJ	GAUTIER		MS
426.2500 / 923.2500			
K4CQ	LYNCHBURG		VA
439.2500 / 923.2500			
KY4ATV	#LEXINGTON		KY
W4HTB	BOWLING GREEN		KY

tales of the happy hamette

CINDY ROGERS, KR4LS
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FAYETTEVILLE, NC 28311

An Interview with a Repeater

For several years, I have listened to, been timed out by and grew to appreciate Mortimer, WB4YZF, who is the Cape Fear ARS club repeater in Fayetteville NC. It covers a bit more than Cumberland County. It is just a mere machine to retransmit our signals on 146.91-. Or so I thought. Your Happy Hamette, ever the student of radio theory set out to learn repeater technology. What better to start with than our own repeater". So, off I went to see the repeater for myself. I was determined to understand it.

First, I thought "he" was not a he. I mean, a repeater is supposed to be an "it". I, normally, would never anthropormorphasize a repeater. Boy, was I surprised to find out that 146.91 is a "he". What I discovered further that he is an amusing, talkative, after all he is a repeater, hungry and eccentric gossip! You know the old saying, " If so-and-so could talk.." Well, he can! And he sure did!

One bright Saturday morning after testing, Bill Kelchner, KU4W, who is the trustee, took your Happy HAMETTE to see the repeater. And it went like this.

Happy Hamette: "Bye, Bill! Thank you for showing the repeater to me. Yes, I have the manual on it. Thank you for letting me sit for a while to study the repeater. I will be fine. Radio Romeo is coming for me in a few minutes . . . Hmmm . . . Cavities.

Controller . . . Receivers . . . Duplexers . . . I read the Spectrum manual, looked around in the repeater room at Methodist College, and marveled at what this machine could do.

Then, suddenly, it came to life: "Whirrrrr . . . zumpt . . . buzzzzz . . . hummmm . . . He . . . Hel . . . Hello! . . . . He-ll-o! . . .

Helloooo, KR4LS", a deeply and squeaky voice said. "I am Mortimer".

HH: "Mortimer? You said 'hello'? You can talk!?"

Mortimer: "Ahem, It is 7 PM, The Cape Fear Amateur . . . no . . . Ah, Hello, there. Of course, I can talk I never get to say much except for the time, my call sign and whatever KU4W, my human, lets me say. Of course, my CW is limited to sending my call sign. So, I am a little out of conversational practice, my dear. A HAM or HAMETTE must believe in me for me to really talk. I won't talk to just anyone. But, I knew you believe in me and would come to see me one day. I have decided to give you an exclusive interview. Which reminds me. Where is my deionized mineral water with lime, the limo, and the recording contract ? Where is my agent, N4ERM? Van said 'Think movies. Do one per mil, babe. He told me not to sell myself cheap'. Let's do Dayton. Hey, Cindy, can you get me date with that cute repeater on page 72 of the December issue of the SERA Journal? Blee-op. Whirr. What a set of duplexers !

Vavavavoom! I want a new TV. Will you please tell someone to get Channel 18 clear for me. Give the interview fee to the CW fund for the ARRL and for the wild spotted antennas preserve in Duplin County?"

HH: " Oh, my Gawd . . ."

Mortimer: "And get me some more room. The 440 repeater is giving my right cable a crimp. It is soooo pushy sometimes. (Blinks his lights upwards. "Oh, yes, you are, George! You crimp in your sleep. Don't say that you didn't know.") Oh, I am running on too much. I have not had anyone to talk to in a while."

HH: "Wow." "Do Dayton? More room? You think KU4W will really go for that?"

Mortimer: "Well, if he doesn't on the first go around, call W4CPA. Call the Charlotte HAMfest parking lot attendants. Call N4MN. I want real clout. I am the best, baby. So, you can for-get the rest."

HH: " Uh-huh. A repeater with attitude. To cool. How did you choose this career? Can't be much money in it. "

Mortimer: "Oh, Sweetie, I was made and trained to do this. It is very prestigious in transmitter circles to be known as an Amateur repeater for a club. I was chosen from over 75 others for this club. I wouldn't be a mere (sniff) "commercial" repeater.

I don't do this for the money. As I said, please give my interview fee to the charities I told you to. Between KU4W, W4EK and WB7OND, I have most everything that I need.

But, I would like a new TV. And an Italian sub. No green peppers - gives me gas and my LED gets fogged up. And some Blue Shower would be nice. I got such an itch. Oh, and a 3' piece of copper. And a new table. I want one of those clear Lucite stands so I can see better. Ask Uncle W4EK if he will transmit weather reports directly from the 'Net. And . . ."

HH: " Whoa ! I will have to ask KU4W about some of this. An Italian sub???"

Mortimer: "Oh, okay, okay. Hey, aren't you the one who talked to Elvis on me? Are you gonna talk to him again? Don't you talk to him on that other repeater, now. You know the one I mean. Stick with me, baby. I have a long range and great audio. I pride myself in my clarity. Sqqqqqqquuuueeeeekkkk. Yowee, if that commercial repeater would blow outta here . . . If I could get out of this room and go find it. Pow! Pop ! Ping !" (Mortimer's lights blink on and off rapidly)

HH: "You ARE tough. So, do you have any advice for us HAMs that use you? What can we do to be nicer to you?"

Mortimer: "Don't forget that TV. Oh, you HAMs can not tie me up so long. Let me drop - let me give my tone. I loooove to give my tone. 'Blee-oop'. Did you know that tone was designed by Spectrum especially for moi? Back to your question. It really drives me crazy when HAMs talk so much back and not let others talk or let me reset myself. I really feel like just cutting off sometimes and going to visit my cousin in Trenton. I do. I do. Sometimes the language is so, well, like a bunch of CBers. I mean, 'Hey, Bud, whut's yore handle?" Really. I thought you people were supposed to be classy high-falutin' Amateur Radio Operators. Humph! The language and bad manners trips my transistors so bad. One of these days, one of these days . . . I am gonna tell that crowd to get some CB radios unless they can learn to act right on me. I am very proud of my work. But, I tell you. I can use up three cans of Blue Shower in one afternoon with all this.

Some of the things I hear . . . Guess who got whose new radio for two-thirds off after it was taken to the Charlotte Hamfest ? Guess who is practically giving away an Icom 751? Well, I won't tell. I won't. I won't. I am not THAT easy. Is N4FHM gonna bring me that sub or what?"

HH: "Do you get lonely here? What do you do all day and night besides your job? Mortimer: "Well, besides Bill, Uncles W4EK and WB7OND, I don't get much company. Once in a while a pretty HAMETTE will come and push my buttons and smile at me. "

Then there is George, the 440 machine who rooms with me, of course. (aside to George: 'Hey, Tube-head, she is talking to ME, not you. Oh, go reset something, George.") Excuse me, Cindy, he is such a show-off when we do have company. I read between QSOs !

Of course, I get the SERA Journal and look at all those controllers and dream about expanding this outfit. Hey, man, I have to stay ready any time one of you need me. You are such an entertaining bunch. I like the visitors on I-95 and Highway 87. I like to see how far I can work to let them all talk. That is fun. I listen to the competition, too. Oooh, that .105 repeater is such a riot. Once in a while George and I sneak out in disguises go across the street and go to the Pizza Hut. We get on the shelf over the jukebox. They think we are the stereo system and leave us alone. We always get free pizza. "

HH: "How very strange. You dress up as a stereo system to get pizza? Any last things you want to say to your users?

Mortimer: "It works for us until some kid starts trying to put money in us to play rock. Or they twist my big dial trying to get that awful new Alternative Rock station.

HH: Oh, my. So, what are your plans for the near future? Any last words for your fans and users?

Mortimer: " I hope KU4W will take me to visit W4PET, for a vacation after Field Day. Her father, W4NHV, has the nice repeater, that sounds so good, don't you know.

I hope that people won't use the autopatch so much. It gives me have a rash if they talk on it in the afternoons in the summer. Don't forget the Blue Shower. Anyway, I just wish that people would, talk better, not act like CBers, just be nice and have fun on the radio. Tell them all that I am very proud to be the club's repeater. (Mortimer blinks his LEDs.) Blee-oop'

Editorial Comment Continues *(from Page 1)*

truck the other day as the light turned green, and I noticed to my right, this shiny new SUV roaring through the red light. The driver, was busily chatting on her cellular phone. I jammed on brakes and stopped about a foot from her path, allowing her to pass on through.

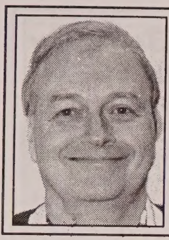
She didn't even stop talking as she passed in front of my truck. Oh Well! She just knew I would look out for her.

Of course these portable phones do have their redeeming value. At least we don't hear as many guys bringing up the autopatch, to call their wife and tell her he just left the office and is on his way home.

Who knows. January 1, 2000, we may be relieved of a lot of this stuff, then again, I don't believe this Y2K stuff either.

And I have no intention of visiting one of the 153,474 web sites offering the latest info on the coming "doom" of Y2K.

-Wayne C. Williams, K4MOB, Editor



Nostalgic Wavelengths

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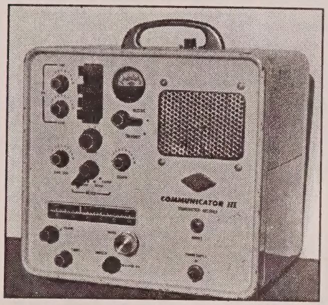
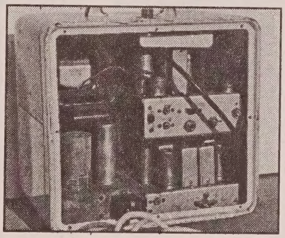
KNOXVILLE, TN 37939

More on the Wonderful 6M "Stuff"

At the Huntsville hamfest this past August, I picked up a couple of vintage six meter AM transceivers. Ray and Kathleen from the Rosewood Company, a dealer from South Carolina, knew of my interest in older ham gear and graciously presented me with a Gonset Communicator-III; complete with original microphone. The only request Ray made was I use it in my "growing" museum of older equipment for display at ham radio functions, such as hamfests and not sell or trade it. The Communicator-III was the last in the series of such transceivers made by the company. Unlike the Communicator-II, the newer model had a linear receiver dial and meter for tuning purposes (the Communicator-II had a rotary mechanism, with a tuning eye tube for alignment). There were other conveniences such as knobs for front panel alignment (the Communicator-II had screwdriver adjustments). These units had controls for tuning and loading the final RF amp, and others for insuring the proper grid drive level. In the case of the two meter version, both the doubler and tripler required adjustment to insure the proper drive level for the final amplifier. This was the era before frequency synthesized transceivers, and VFOs were a real luxury. Many rigs used crystal control. This was not all bad since crystals were more stable than VFOs, which tended to drift (particularly, until the VFO "warmed up"). The Communicator-III had provisions for accepting six crystals, with a selector switch mounted in a central location. The Communicator-II had a single crystal socket-requiring the crystal to be changed when QSYing.

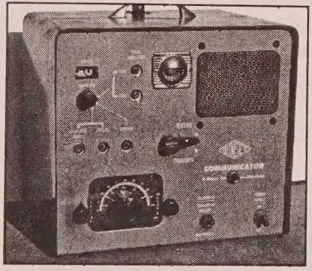


The Communicator III was for 6-Meters.

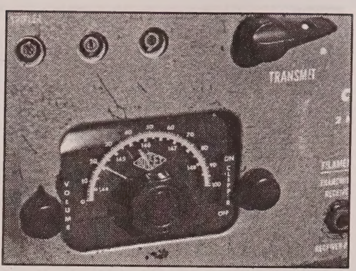


The back side of the Communicator III Six Meter rig. Note the tubes, filters and capacitors of the old rigs.

The Communicator series had an internal 115 VAC power supply, with a separate DC power supply for mobile operation. Early transceivers, because of the high voltage requirement for the vacuum tubes, also required a separate power supply to convert the car battery voltage to several hundred volts. The transceiver had a 2E26 power amplifier tube running about 25 watts input, with AM plate modulation. The Communicator series of transceiver used modular construction to facilitate maintenance. This was a real plus. Typically, amateur radio "vacuum tube" equipment from this era used a single chassis for the circuitry and various components. While these transceivers are bulky and heavy by today's standard, they were quite the rage when introduced in the 1950s. Again, it was extremely nice of Ray and Kathleen to donate this vintage transceiver to me.



The trusty old Gonset Communicator II for 2-meters. It was a mainstay in the early days of 2-meter operation.



The tuning knob and dial of the Communicator II wasn't a simple thing to get you exactly on frequency. The transmit knob is in the upper right side of the picture.

It's always hard for me to turn down a Heathkit Sixer or Tower at a hamfest. Later in the day (at Huntsville) a ham friend told of a "lonely" Sixer just waiting for someone to take it home. It didn't take me long to find the table and I was soon inspecting this classic transceiver. It was only missing one knob—but so what; it was in great shape. The ham wanted $ 15 for the "Benton Harbor Lunchbox," as it was affectionately called back then. I told him I'd give him $ 10, and he wouldn't have to carry it back home. He took the offer—so I added another popular transceiver to my growing collection. The Sixer was a very basic transceiver, using a regenerative detector. Some said it was great because it had such broad selectivity that it was hard to miss a station. Although it ran but 5 watts input, many hams used it for working DX with only a simple antenna. And its small size, and low weight, made it great for mobile operation. Early versions required an expensive third overtone crystal, but later models were equipped with a circuit that permitted lower cost 8 MCS crystals to be used (the circuit allowed the third overtone to be used, and then fed to a doubler). The Sixer had an internal 115 VAC power supply, but required a vibrator power supply for mobile operation. When operating mobile, I used a WW-II surplus 12 VDC dynamotor instead to supply the B+ voltage for the tubes. The Sixer rear power connector could accommodate automobiles with either 6 or 12 volt batteries (both were common in the 1950s). My antenna was a homebrew three ring halo; horizontally polarized. It sure was an attention getter—but it worked great.

Both the Gonset Communicator and Heatkit Sixer paved the way for hams in the 1950s to explore the "Magic Band" and, because of the versatility of these units, either base or mobile operation was easy to achieve. The only question is—what am I going to do as this "museum" grows and space becomes a problem ???

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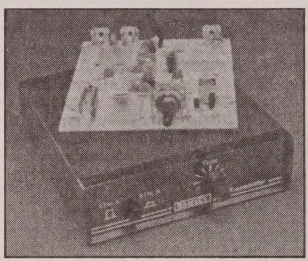

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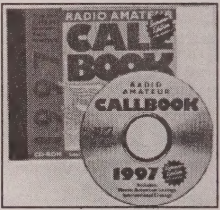

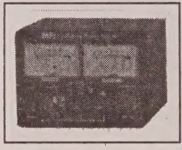

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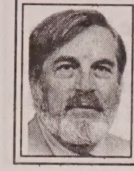

GENE FEGELY, K3EJG
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NEW BERN, NC 28562

First of all, I hope all our readers managed to get through the recent hurricanes and floods without loss, and if so have volunteered to assist those who may have suffered. The heroics of the emergency personnel have been documented on TV and newsprint, with many amateur radios providing communications in shelter and rescue activities.

* * * * *

Editor Ron Knapp, W9EF, featured a timely cover story by Gene Chiellini in the September Kinston ARS Karsgram, about the prospect of a category 5 hurricane hitting the NC coast. Then an October article by ARRL NC PIC Gary Pearce, KN4AQ, outlined the efforts of Eastern NC emergency preparedness as Dennis and Floyd moved inland.

Garry's story of the efforts in Dare County by EC Harry bridges, K4UOR, and especially Lou Browning, K4USB, who communicated with Randy Jordan, W4HAT, at the Ocracoke power generating plant. Lou drove along Hatteras Island and reported conditions of lines and fuses via 2 meters.

Red Cross activities in Manteo were via a 440 crossbander and the Columbia 146,835 repeater, he reported. Hams also coordinated helicopter evacuations, and really provided information to the many residents listening on scanners.

Becky Castro, editor of the Union County ARS Transmission Line, reported other unscheduled emergency traffic for a family who had gotten stuck in Buxton when highway 12 was washed out by Dennis. Their newsletter also featured some color photos of the Shelby hamfest taken during the time sunny skies prevailed.

* * * * *

The UCARS had an interesting August meeting, featuring Jeff Blythe, KA4WYC, and Andy Hawkins, G4Gkk, doing a slide show on the Antarctic. I can't think of a better way to get cool on a summer evening!

* * * * *

Daryl Brewster, KE4MOH, and Jon Matlock, KE4IAM, reported Guilford ARES and Greensboro ARA volunteers relayed traffic through the 145.15 W4GSO repeater. A non-weather related plan for a bus trip to Dayton Hamvention next May caught my eye. Contact is Bill Lundy, NC4BL, A comfortable bus ride and two night's lodging for about $100 from Greensboro sounds like a great idea and price!

* * * * *

The Triad area also supported the Tour to Tanglewood bicycle event in August for the MS Society. Guilford and Forsyth hams cooperated, since the 120 mile trip to Clemmons and back to Greensboro encompassed about 600 riders over many back roads, reports Randy Bowers, KR4QH.

* * * * *

Cary ARC had a multi-authored article on their August Fox Hunt, with Will, K4IWW, as the Fox. Jeff, NX9T,and first timer Charles, KE4CDI, led the group; Ed, AB4S, and Suzi, WA4AKB, took second, aided by a space shuttle trip verified by a photo. Dennis, KA4ATK, took another first timer, Darrell, KF4URC, who says he can hardly wait for the next hunt even tough they only took third place. Feedline Editor Tom Klimala, KM4LB, and Mike, K4ZMY, managed fourth but gave a good report of the activity.

* * * * *

A "well done" to Editor Dave Langley, W4YDY, and his full color newsletter for the Brightleaf ARC. The picture and biographic essay on honorary member Jack Edwards, W4DXJ, is an example for all bulletins to help preserve the heritage stories of hams who ran phone patches and emergency messages over the years.

* * * * *

My MARS activities were startled back to my attention when I received a copy of the Region Two News, almost in the same mail as the Mechlenburg ARS News. The Military group must have found an old mailing list, but I did enjoy catching up on the new chief, Bo Lindfors, N2APH. My confusion came since the club newsletter is called the MARS NEWS.

* * * * *

The MARS club is celebrating their 50th Anniversary, and had the sole surviving charter member Jim MacCleod, W4NHV, share information about the early days of the club at their September meeting. August's acivities at the Discovery Place brought out 52 attendees, reported Editor Mary Hunt, N4MH. Plans for their December 4 Christmas party were also presented.

* * * * *

Some quick items: Forsyth ARC will have a homebrew contest in October which features personal creativity . . . wanton disregard for the instructions. High Point ARC had a special event station set up for Yesteryear in Motion, which I surmise is an antique show of some sort sponsored by the Lions Club. Shelby ARC again put on and excellent hamfest chaired by Keith Queen, W4KQ.

* * * * *

One item came to me from outside the state which may attract those who live close to the SC border:

Riley Hollingsworth, legal Advisor, Enforcement, Compliance and Information Bureau, FCC will be speaking at the Fort Mill Municipal Center, 113 Academy St, Fort Mill, SC, at 7 PM Friday, December 3. The Sugar Creek Amateur Radio Society (S.C.A.R.S.) with help from other clubs in the area will be sponsoring this event. Every one that is interested in the future of Ham Radio should meet and hear this dynamic speaker who has done so much for our hobby.

New NFCC Officers Elected

–by Dick Isely, W9GIG, NFCC Secretary

The new National Frequency Coordinators' Board (NFCB) elected in August, has concluded the officer election process as specified in the NFCC Bylaws.

The following officers have been elected to serve thru 31 AUG, 2000. on the NFCB: President, Owen Wormser, K6LEW; Vice President, Clay Freinwald, K7CR; Secretary, Dick Isely, W9GIG; and Treasurer, Dave Shiplett, AC4MU.

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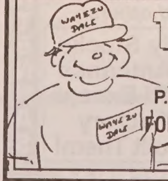

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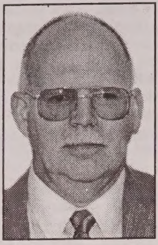
Hatfield, N4KMH Appointed to Fill Remaining Term of Mississippi Vice-Director



Monte Hatfield, N4KMH

Monte Hatfield, N4KMH of Pasqagoula, MS has been appointed by the SERA Board of Directors to fill the vacancy created by the death of Joe Wood, AJ0X who passed away last Summer. Hatfield will assume the position of Mississippi Vice-Director and coordinator, working directly with Director Steve Grantham, N5DWU.

Grantham said, "I think Monte will be a great asset to the Mississippi repeater coordination team, and to the district repeater community as a whole."

He said that Monte is a Mississippi Gulf Coast resident and a former Arkansas coordinator. With his experience, his knowledge, and his understanding of coordination concepts, he should be able to be plugged into the loop and be coordinating with virtually no startup delay.

Vice-Director, Hatfield will be coordinating amateur radio repeaters in twenty-seven (27) South and East Mississippi counties. Those counties are: Clarke, Covington, Forrest, George, Greene, Hancock, Harrison, Jackson, Jasper, Jefferson Davis, Jones, Kemper, Lamar, Lauderdale, Lawrence, Leake, Marion, Neshoba, Newton, Pearl River, Perry, Scott, Simpson, Smith, Stone, Walthall, and Wayne.

Hatfield, 53, has been a ham since age 12. He worked most of his life in commercial two-way radio and microwave doing repair and maintenance.

"I am a member of ARRL, AREA RACES, CARF, and President of our local club," Monte told the Journal.

"I was Frequency Coordinator for the State of Arkansas under MACC as well as Technical Specialist Coordinator for Arkansas," he added.

Monte also has experience in computers, interfacing, programming, and networking, including building and maintaining repeaters.

"My wife, Jo Ann, and I have a six year old son at home, as well as 9 other children scattered throughout the states, he said.

Hatfield said he is looking forward to the challenge of working as a coordinator for SERA in Mississippi.

Grantham said that in addition to performing routine coordination services, Monte will actively work with other SERA assistants and appointees from different parts of the Mississippi district in order to facilitate their daily operations.

Grantham concluded, "I expect that Monte will have much to contribute as he endeavors to serve SERA and the Mississippi District in every way he can. In my estimation, Monte is one heck of a nice guy! I think he'll do a great job!"

Monte can be reached by mail, phone, e-mail, or fax at any time.

His address, phone, etc. is on page 1, listed with the State Coordinators under Mississippi. His email address is montehat@ametro.net, or simply n4kmh@sera.org.

Repeater Journal Hamfest Advertisers In This Issue

The following hamfests are utilizing the SERA Repeater Journal as their advertising vehicle to promote their show. Let them know you appreciate their support & wisdom.

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Charleston (SC)	Feb. 5	Pg.46
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Gallatin (TN)	Jan. 22	Pg.18
Kinston"Down-East" (NC)	Apr. 2	Pg.4
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Oak Ridge (TN)	Apr. 8	Pg.3
Plateau (Fayetteville) (WV)	Mar. 25	Pg.14
Raleigh (NC)	Apr. 9	Pg.53
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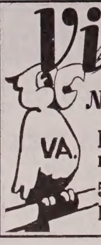

Virginia

News from the East

MIKE BRIGHAM, W1CLS
mbrigham@home.com
558-J ELEANOR CT.
NEWPORT NEWS, VA 23602

Floyd Hits East Coast of Virginia too

Well here I am writing this and getting ready to go to Franklin City tomorrow. It's hard to believe that there is still RACES activation going on. Ever since September the 16th and the hurricane called Floyd hit North Carolina then Virginia moving North to Pennsylvania, Maryland and beyond, RACES in Virginia has been on an Alert. Areas in Virginia declaring a Local Emergency were:

Charles City County; James City County: Surry County; Suffolk City; Franklin City; Amherst County; Westmoreland County; Middlesex County; Chesapeake City; Portsmouth City; Nelson County; Appomattox County; Petersburg City; York County; Chesterfield County; Southampton County; Town of Chincoteague; Shenandoah County; Colonial Heights City; Hampton City; Isle of Wight County. A long list and this was just on September 16th at 0900 Local! The total list finally culminated with 43 jurisdictions with a Local Emergency. The list of Federal Disaster areas came to 36 jurisdictions. On the 16th there were 26 shelters open with 1,792 people in them. During this disaster there were up to 4 interstates, 68 primary roads and 219 secondary roads closed. These figures all come from sitreps from the Virginia Department of Emergency Services. I use these to show you the enormity of this hurricane.

The repeaters in the area were up to the task of providing communications for many jurisdictions. The Williamsburg 146.76 provided tactical communications throughout this trying time in Area A of Virginia ARES/RACES. This repeater also was the central unit used, keeping up communications from the North Carolina line to the Virginia Emergency Operations Center in Richmond. Many other repeaters were also used during (and after) this storm to pass traffic on, especially in and around Franklin Virginia. All the repeater operators in this area were so cooperative! This is a great bunch of people to work with.

There were no real problems using ARES/RACES. ARES and RACES are the same group in Virginia. The only problem we ran into is the need for people. ARES/RACES needs operators, people like you! If you would like to know more about how to join please call me and I will find your ARES Emergency Coordinator and get them to call you. Call me at 757-898-1345 from 8 PM to 10 PM Monday through Friday. I just have to say it one more time, THANKS for your volunteer help it DOES make a difference! *-Mike W1CLS*

VE Exam Schedule

The Repeater Journal will publish our 2000 VE Exam Schedule in the February issue. If you are a VE or VEC, sent your updated Exam schedules to the RJ Editor. Deadline to be included in the Feb. issue is Jan. 10

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WX-1000 Digital Weather Receiver

The NOAA Weather Radio Network broadcasts National Weather Service warnings, watches, forecasts and other hazard information 24 hours a day. With so many unsettling weather conditions, don't you think its time to provide timely weather alerts for your repeater group.

Specific Area Message Decoder

A digital decoder responds to Specific Area Message Encoded (SAME) alerts transmitted by the NOAA weather station located in your area. Select your county code and the type of alert. Select warnings and or watches.

Alert Message Transmit Timing

At the conclusion of an alert, a termination packet turns the transmitter off.

Voice Synthesizer Alert Message

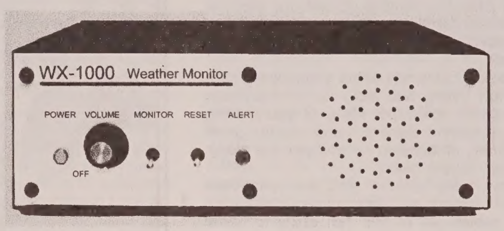
Imbedded in the alert information packet is the time the warning or watch is in effect. The voice synthesizer will periodically key-up the repeater transmitter and announce the nature of the alert. "Severe Thunderstorm Watch" "Tornado Warning" "Winter Storm Warning" "Flash Flood Watch" "Hazard Material Warning" "Avalanche Watch" "Law Enforcement Warning" and "Civil Danger Watch" are just a few of the voice synthesizer announcements.

Alert Start Logic Output

This output provides a TTL logic high when a weather alert is received. It can be used to trigger an external alarm, execute a macro or load a severe weather memory save.

Repeater Interface

The WX-1000 has been designed to easily interface to your repeater. A minimum of four connections is all that is required.



Weather Alert Log

The WX-1000 stores the date, time and type of alert in memory. Use the RS-232 port and the configuration program to down load the log.

Alert Stop Logic Output

Included in the digital packet is the length of the alert. The WX-1000 generates a stop logic output when the time period has expired. Use this output to reload a normal memory save.

Weather Disable Input

Ground this input to prevent future alerts once a sky warn net is activated.

Weather Enable Input

Ground this input to provide weather reports on demand.

WX-1000 Enclosure

The WX-1000 is installed in a 19 inch rack mount enclosure,3.5 inches high and 8 inches deep.

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LET'S TALK COAX ! And Baby too.

This fall should be lots of fun at my QTH, Mary is really showing now from the baby, due next month on December 14. I'm really looking forward to being a DAD. The only worry I have is what to do with my parents. Six aircraft carriers couldn't hold the stuff they are buying! Are diapers considered toxic waste?

Coaxial cable has come a long way in the past few years, and lucky for us the prices have come down too. Many of you reading are repeater owners, and have great machines, all bundled up and perking along. How old is your coax?

How many splices? ALL the connectors good? Lets explore some options in replacing your cables. All of this can apply to home shacks as well.

For many years the standard setup for a repeater was this : RG213/214 from TX to duplexer, RG213/214 jumper from duplexer to main coax (sometimes 7/8 inch), RG213/214 from RX to duplexer, and many times a RG213/214 jumper from the main coax to the antenna. Yes it works, but is there a better way? Read on....

Lets look at the tech points. RG213/214 is good cable yes, but there is better. Each connector is considered about .1 db of loss. RG 213/214 has about .019 db loss per foot-(at 100 mhz). Add the jumper lengths together, say 2 ft x 2 jumpers = 4 ft x .019 = .076, add the loss per connector, .076 + .4 = .476 db loss. Then add the cable loss, 7/8" at 100 mhz, 100 ft = .4 db Total loss : .876db

Here is another way around the tree : Use 1/2" cable and one jumper (TX to duplexor) Here is the math : 100 ft of 1/2", 100 mhz = .8 db loss. One 2 ft jumper : .038 db, and connectors (4)= .4, total : 1.238 db loss. Would you ever notice the .362db difference? Probably not. But the expense of 7/8" versus 1/2" is very noticeable! Savings of $ 230 !

Another aspect of not using the jumpers are the fewer parts, fewer mechanical points that could go bad. KISS works in radio too!

I have been using some coax from Times Microwave, I found them in the TESSCO catalog. I use the LMR-600 stuff at the radio station. It has 1.7 db loss per 100 ft at 450 mhz. Good shield and flexible enough to install on the towers, yet holds tough in weather. Another thing? Its $.94 / ft versus $1.80 /ft with 1/2" (Tessco T1 price)

The point of all this? Check out the different options when buying coax. The old RG8 has been replaced by new stuff, less loss and CHEAPER! Below are some various cables I know most Hams have seen. The next time you build a repeater or maybe just setting up for the winter at home, check out your coax options. You could save a few DB as well as the Dollar Bill!

Common Coax	Loss @ VHF	Loss @ UHF	$ per foot (Tessco)
RG 58	-4.5db	-10db	.35
RG 213/214	-1.9db	-4.1db	.90/1.50
Belden 9913	-1.3db	-2.7db	.80
1/2" hardline	-.8db	-1.5db	1.80
7/8" hardline	-.4db	-.8db	4.10
LMR-600	-.9db	-1.7db	.94
LMR-900	-.6db	-1.1db	2.66

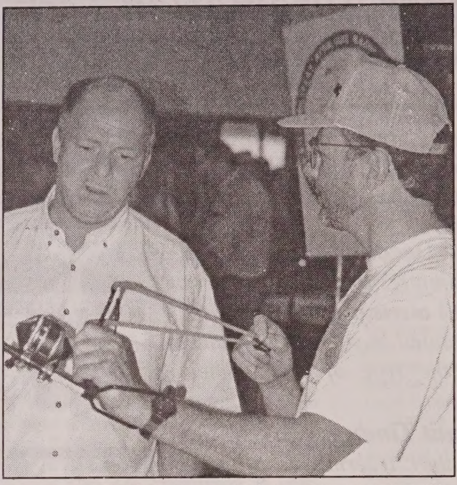
Long runs, such as 200 ft should use better cable. After all, the less loss in the cable the better.(within reason of course) Antenna gain, minus cable loss, is ACTUAL SYSTEM GAIN. Will you notice a .5db or less difference? I don't think so, under real world conditions. Will you notice the fewer connectors? YES. Go ahead and buy a N male instead of the six adaptors to get around soldering that one on.

What about at home? Why use 9913 instead of RG8? They use the same connectors, but you'll get HALF the loss, and about the same cost. Working the local repeater, you'll never know the difference, but if your into DX, then try the 9913. 2 or 3 db is a BIG change. Remember 3db? double the power? Wow, better than changing diapers in your Sunday suit!

Check out the options in cables. You'll be surprised. Just remember to solder the connectors.....but I've never done that.....

Till next time, I'll be waiting for my baby. Is a baby bed resonant on 6 meters? *-Randy*

Shoot lines over Trees Easily with EZ Hang™



A neat new product has been introduced by EZ Hang Inc. With the new EZ Hang™ you can easily shoot a line over a 100-foot tree to help hang your wire antenna. No climbing, No bow and Arrow, no tangled string. This unique system is a custom-made slingshot, mounted on a special fishing line reel, held sturdy on a platform with a hand strap. You merely put the fishline weight in the slingshot, aim, and fire! Dennis Currence (lft) gets a local demonstration by Tim Malony, W3TIM. For more information about EZ Hang, write them at 8645 Tower Dr., Laurel, Md. 20723. See their web page at: www.ezhang.com.

Repeater Datasheets Mailed To All Known Repeater Owners

Again this year, SERA has taken the task of sending out a repeater datasheet to every known repeater in the Southeastern SERA states. Over 1,400 packages were mailed out covering over 2,100 repeaters in late September and the first of October.

These datasheets contain all the pertinent information that SERA has on each individual repeater. This data is utilized by the coordinators when making coordination decisions of the future. Accurate information, especially location is a must for all repeaters.

Repeater owners are asked to return their datasheets by the end of the year if possible. Any changes should be clearly inked in, on the datasheet, with a line drawn through the incorrect data. All fields should be filled in. The next worse thing to incorrect information, is NO information.

Many repeater owners need only sign the datasheet and return it in the provided envelope, since they have made it a point of keeping updated information to the SERA database.

Repeater owners with questions concerning the datasheet should email: <help@sera.org> or call (336) 993-5527 or toll free 1-888-593-5527 for assistance or answers to any questions.

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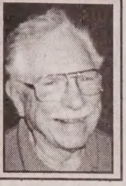

You Know my AGE??!

I would not like my personal bank account perused by the public. If I thought that anyone could go into the records of the bank and learn what deposits I had made and what checks I had written it would leave me depressed and angry. There are several things about my private life which I consider no one's business but my own, and you'd better not be probing. And there are institutions (like my bank) who know things about me that they better not be making public. Institutions like schools, insurance companies, hospitals, licensing bureaus, tax agencies and amateur radio clubs require information on the people that they serve (or regulate, or impose on), and their records are necessary to the execution of their responsibilities.

I have heard stories that claim that, with sufficient expertise, anyone can learn anything about anybody through certain paths on the internet. I suspect this is exaggerated, but it wouldn't surprise me to discover that many details of my life are available to parties with sufficient resources.

Recently the public has been sensitized to violations of privacy and the regulators (government mostly) have been doing some strange things, like the privacy act. Inter-viewers sometimes may not ask about your race, certain physical limitations or even your age. I think they may still ask your sex, but not your sexual preference.

When the social security act was first passed there was public concern over whether everyone would become just a number in the big system. For decades it was forbidden to ask for a person's social security number, and everyone's number was considered his own secret. Through some convolution social security numbers now are considered a common vehicle for identification and may be invoked for even the most trivial transaction. If you are trying to find someone who has deliberately disappeared, the first thing your detective will want to know is his social security number. On the www there is a page (among many) that claims that for $100 they can find anyone in five days - guaranteed! - I'm inclined to believe them. So much for privacy.

Once again, apparently, our regulators have reacted to a real problem by instituting burdensome and ineffectual rules in order to present an illusion of solving it. They have complied with the mandate that they do something. As a result of these regulations there is much benign information that would be useful, or at least interesting, that may not be recorded or disseminated. There are lots of facts about me that I don't mind people knowing. For instance, my middle name is Edward, I had my gall bladder out a couple of years ago, I am 72 years old, and my good car is eight years old (I didn't say they were interesting). These are answers to questions you may not ask, but there is nothing I can do to prevent an invasive salesman or a financial institution from running a credit check on me to determine if I qualify for something they would like to impose on me. This I resent greatly.

I like to play with statistics. At an earlier time I correlated things with things and built mathematical models to earn a living. The computer in front of me now is more powerful than the large main frame computer I once used at the Lab, and I find that I am doing now for fun analyses very similar to those that I did back then. Government data bases are wonderful. I did some work with the Amateur Radio License data base in 1995 and discovered that the distribution of ages among hams in North Carolina was bimodal. That is, instead of a single maximum close to the mean (about 50 years old) there was a strong maximum at about 45 years old and a weaker one at about 70 years old. A similar bimodal distribution was found for our local club, but the strong maximum was at 70 and the weak one at about 40 years old. Well, what does this mean? Aside from showing that we had too many old geezers in our club, it suggested some sort of decline and resurgence of interest in amateur radio. That's just the kind of study that I love, and I was determined to follow up expanding and extending the study. Alas! The Amateur Radio License data base no longer includes age.

Susan thinks that's just fine because she was distressed that anybody could find her age from the data base. Around home I suppress my disappointment. When I reflect on past practices, however, I miss seeing the age of hams I look up. It is not easy to picture the person to whom you are talking (especially on CW) and it lends much to camaraderie if this little bit of information is available. My respect has been escalated after a QSO when I learned that the gentleman to whom I was talking was 86 years old. In other cases impertinence was forgiven when I discovered, "what the heck, this kid is only in his mid thirties." I suppose I must learn to live without ages on my lookup program and find another area for study. It is hard to guess, however, what item of data the regulators will eliminate next in the name of protecting privacy. And, when a bad regulation is adopted, the perpetrators never rescind the regulation; they always institute three or four more regulations in an attempt to fix the problem, none of which will be effective.

New Alabama Coordinator & Officers

-submitted by Dave Baughn, KX4I

John A. (Jack) Lambert, K4YVV was appointed to the position of Frequency Coordinator for Alabama at the recent Huntsville hamfest ARC meeting. Jack has been involved in repeater operationfor over 20 years and President of the Muscle Shoals ARC and is an active VE. With retirement, Jack has the time and the expertise to maintain top notch coordination for Alabama repeaters. He is assuming duties immediately and all routine Alabama frequency coordination correspondence should now be addressed to him. His e-mail address is k4yvv@hiwaay.net. address 1608 East 31st Street, Sheffield, AL 35660, (256) 389-8070.

Other officers and directors of the ARC were elected as follows: President, Dave Baughn, KX4I; Vice-President, Eddie Crawford, WA4QKC; Sec/Treas., W. Tommy Golden, W4WTG; Directors, Steve Flory, WA4OUE and Ron Shaffer, KS4LU. Webmaster is Ralph Hogan, WB4TUR.

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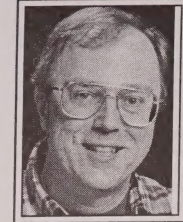

Getting Started

GARY PEARCE, KN4AQ
kn4aq@sera.org
116 WATERFALL CT.
CARY, NC 27513

The Friendly Repeater

I'll bet you've heard this one before. "I just got back from a trip to West Boondocks, and the hams there are so unfriendly, I didn't make a single contact on the local repeaters. Sure makes me appreciate what we've got here. This is 'The Friendly Repeater'".

I've got news for you. I've been to West Boondocks, and they consider their repeater to be "The Friendly Repeater," too.

Not too long ago, my friend Jeff Wittich AC4ZO and I made a road trip to Kansas. Like Smokey and the Bandit, we had a long way to go and a short time to get there. Between meals stops at Krystals and Steak 'N Shake, we did a lot of hard driving. And we did a lot of hamming on local VHF repeaters. One particularly memorable contact occurred in the middle of the night, in the middle of no place, on some linked repeaters in western Missouri. I think we talked for over an hour as we barrelled down the road. Almost everywhere though, in towns large and small, we managed to scare up repeater contacts.

How did we do it?

The standard method for announcing your presence and seeking a contact on FM repeaters seems to be to mumble your callsign and append the word "listening". That may be good enough to elicit a reply from someone who knows you on your local machine. But it doesn't do the job when you're out-of-town on a foreign machine. Ask yourself, how often do people go out of their way to reply to callsigns they don't recognize when rapidly dropped into your "Friendly Repeater"?

If you want a reply, you have to make a bit of a production out of it. Jeff's technique: after monitoring a bit to make sure a repeater isn't already in use, Jeff will key up and say something like "This is AC4ZO mobile. I'm from Raleigh, North Carolina, and I'm just traveling through the area on Interstate 40. Anybody available for a contact?" He'll say it in a calm, casual manner that makes him sound like he'd be somebody interesting to talk to for a few minutes.

Now perhaps we've just stumbled upon the crux of the problem. Making "First Contact" with someone you don't already know can be work, and it can be risky. Answer somebody, and you may be trapped in one of those pointless, inane conversations where neither of you have anything to say, and you're just looking for a graceful way out. (The Technician Class license exam has no questions about how to make good, casual conversation . . . I think there may be one or two questions about that on the Extra Class exam, but you can miss them and still get your license if you know a lot about satellites and Smith Charts and stuff.)

If you're lucky, you can begin a conversation with someone who has some interests in common. You may get to learn a little, or teach a little, or both. Sometimes, it really clicks. You're not suddenly "called to lunch," and you don't have to "concentrate on your driving."

Maybe what we need to encourage more people to take a chance on making that contact is a universally recognized exit strategy. Perhaps a Q-code. How about QBC? That would be interpreted as follows:

> QBC? - Are we in the middle of a boring conversation?
>
> QBC - We are in the middle of a boring conversation. Let's terminate immediately.

On the HF bands, hams have created solutions that allow them to making dozens or hundreds of contacts without fear of contracting "boring contact syndrome." They're called contests. Everybody knows exactly what to say, and they say it quickly. Routine DX contacts can also have the same rapid fire exchange: callsign, name, location, signal report, NEXT. Stateside HFcontacts, though, have more in common with FM contacts. You are expected to actually say something for awhile. And I've been in a few HF contacts where QBC would be a welcome transmission.

Speaking of HF, the guys down there have a wonderful, traditional ham radio way of letting people know they want to make contact. They call CQ.

Calling CQ was discouraged in the early days of Amateur VHF-FM. The rationale was that with FM and crystal controlled receivers, everybody who might be listening for your CQ began hearing you as soon as you opened your mouth. You didn't need a lengthy CQ to attract the attention of people who might be tuning across the band. Instead, we were told to just announce our callsigns and say we were "listening." Too bad. If we had just modified the traditional CQ to a shortened version — CQ, CQ, KN4AQ looking for a contact — we might have made things a bit easier. But, we're stuck with "blah blah blah-listening," and I expect it's going to be that way for some time to come.

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Slight Changes Made to the SERA 2-Meter Bandplan

In September the SERA Board voted on a slight change to the "General Listing" Portion of the SERA 2-Meter Bandplan. Some changes are made due to FCC rules changes. General Listing is below.

144.000- 144.050	EME CW
144.050- 144.100	General CW Operation
144.100	CW National Calling Freq
144.100- 144.200	EME and weak signal SSB
144.200 - 144.300	General SSB Operation
144.200	SSB National Calling Frequency
144.275 - 144.300	Propagation Beacons
144.300 - 144.500	Multimode Operation
144.390	APRS Nationwide (Mode = 1200 Baud FM Packet)
144.510 - 144.890	FM Repeater Inputs
144.910 - 145.090	FM Digital/Packet Simplex
145.110 - 145.490	FM Repeater Outputs
145.510 - 145.790	FM Digital/Packet Simplex
145.800 - 146.000	Satellite Sub-band
146.010 - 146.505	FM Repeater Inputs
146.400 - 146.585	FM Voice Simplex and Alternate Repeater Inputs
146.520	FM National Calling Frequency
146.610 - 147.390	FM Repeater Outputs
147.405 - 147.585	FM Voice Simplex and Alternate Repeater Inputs
147.600 - 147.990	FM Repeater Inputs

If you would like to examine or possibly download the complete SERA 2-Meter Frequency Utilization Plan or any other SERA official VHF/UHF FUP plan, visit the SERA web site: < www.sera.org >

News From WV SAWS

-by Eddie and SAWS < kb4uce@qsl.net >

EC Mark Miller (KB8KDR) is glad to see the ARES training is still going on, although the summer has been uneventful here as far as emergency nets, but we all have those in our prayers in the USA and around the world that were affected by many disasters. Hats off to those Hams that helped with communications.

The Mingo County ARES group hated to say good-bye to our good friends Rick Ratliff (N8TMR) and Donna Ratliff (KC8GVS), these fine hams relocated to Jackson County West Virginia. Rick was AEC and weather spotter for Mingo County and Donna helped the SAWS in many of its activities. We all will miss you.

In July the scores for the SET came out in the QST. We were very proud to see Mingo County number one and the Nightly Talk Around Net fifth in the nation. We thank all of you for your hard work.

In August the Nightly Talk Around Net rolled over the 100,000 mark. The Hams in this area have kept the Net going almost three years now without missing a night, we invite anyone who can come and be with us each night at 9:00 on the 145.330 WR8M repeater.

In September Ab (N8IBK) and Mark (KB8KDR) went to the WXCC 95.6 radio station where they talked about Amateur Radio to the public and told the importance of Emergency communications. We would like to thank WXCC for their support.

September was also the month for our third annual SAWS picnic. We were glad to see so many of our friends come out to spend the day with us. We would like to thank all those who brought the great food. With special thanks to Gary (KC4MAI) and Angie (K4AGH), that traveled from the Virginia area. Also Dave (AF4NB) and his family that traveled from Mount Sterling Ky. Jess (AA8XE) with Barbara (AA8XF) that traveled from Lesage West Virginia. Roger (KC8MUN) and family who traveled from Wyoming County. These folks traveled many miles to be with us and that means the world to everyone here in Mingo County.

Kb4uce would like to invite everyone to come by our website and just to say hi. Web address is http://www.qsl.net/saws/ and you may e-mail us at saws@qsl.net

-Submitted by: KF4ZMC Gina Tussey

Join or renew as a SERA Full Repeater Member

SouthEastern Repeater Association, Inc.

The not-for-profit Recognized Repeater Coordinator for: GA, KY, MS, NC, SC, TN, VA, & WV

2000 Repeater Full Membership Application

Please fill out the this short form SERA Full Member Application completely. Maximum number of letters for your repeater name is 14 characters. Be sure to list 2 persons as SERA representatives. ONLY these two will have voting rights, and receive the *Repeater Journal*. MAIL YOUR CHECK AND APPLICATION TO: SERA FULL MEMBERSHIP, P.O. BOX 215, TOBACCOVILLE, N.C. 27050. Deadline to be listed as member in next February, 2000 Repeater Journal is Jan. 12, 2000.

	CITY/ MTN. ETC. (MAX 14 LETTERS)	RPTR CALLSIGN	INPUT FREQ.	OUTPUT FREQ
RPTR #1				
RPTR #2				
RPTR #3				
RPTR #4				

USE AS MANY LINES ABOVE AS YOU HAVE REPEATERS-ONE FOR EACH REPEATER. IF MORE SPACE NEEDED, USE SEPARATE SHEET OF PAPER.

NAME TWO PERSONS WHO WILL REPRESENT SERA AS FULL MEMBERS. EACH WILL RECEIVE THE *REPEATER JOURNAL.*

NAME________ CALL________	NAME ________ CALL________
ADDRESS ________	ADDRESS________
CITY________STATE_____ZIP_____	CITY________STATE_____ZIP_____
HOME PHONE #: ( ) ________	HOME PHONE #: ( ) ________
E-MAIL ADDRESS: ________	E-MAIL ADDRESS: ________
ARRL MEMBER: [ ] YES [ ] NO	ARRL MEMBER: [ ] YES [ ] NO

FULL MEMBERSHIP: [   ] NEW [   ] RENEWAL - (**$20.00 - FOR CALENDAR YEAR 2000**) FEE ENCL. - AMOUNT $________

REPEATER IS SPONSORED BY: (Name of Club OR Owner)________

REPEATER TRUSTEE'S NAME________CALLSIGN________

IF A 1999 SERA REPEATER DATASHEET WAS NOT RECEIVED LAST OCTOBER, INDICATE PERSON'S NAME AND ADDRESS TO SEND 2000 TO:

NAME ________ CALLSIGN________

ADDRESS________ CITY________ STATE________ ZIP________

■ *IMPORTANT NOTE: ONLY OFFICIALLY SERA COORDINATED, ON-AIR, OPERABLE REPEATERS ARE ELIGIBLE FOR SERA FULL MEMBERSHIP*

An application for SERA Full Membership status, and the payment of the respective dues thereof, does NOT constitute coordinated status for the repeater(s) listed on this application or accompanying sheets. Contact your local coordinator to learn how to obtain coordinated status.

THANK YOU FOR YOUR GENEROUS FINANCIAL SUPPORT OF THE SOUTHEASTERN REPEATER ASSOCIATION, INC. - YOUR LOCAL COORDINATOR

RJ 11-99

FULL MEMBERS!! - A LITTLE REMINDER!

This is the last issue of this informative magazine you will receive unless you send in your renewal prior to January 12, 2000. Use the application above for two persons to be Full Member Representatives of your repeater and get the SERA Repeater Journal. We'd really hate to lose you as a reader!

SERA Repeater Journal

The Official Voice of SERA, Inc.

The 27th Annual and Original

CHARLESTON HAMFEST

AND COMPUTER SHOW

SATURDAY, FEBRUARY 5, 2000

SAME LOCATION AS LAST YEAR

Notice: No firearms permitted on the premises by law. This hamfest is considered a family affair. The committee reserves the right to eject any inappropriate materials from the premises.

Charleston Amateur Radio Society Inc.
Charleston, SC
email: WA4USN@AMSAT.ORG

Stall High School, North Charleston SC
Near I-26 and Ashley Phosphate Road
Talk in - 146.79 and 145.25
Doors open at 8:30 am
For details, contact Jenny Myers, WA4NGV
(843) 747-2324 or email: brycemyers@aol.com

ARRL

PRE-REGISTRATION FORM

Tables: Pre-registered - $8.00 per 8ft table at the door - $10.00, as long as they last. To pre-register tables, detach and complete this form, attach check made out to "C.A.R.S. Hamfest Committee", SASE (for tickets & receipt), and send to (to be received before January 21, 2000):

Jenny Myers, WA4NGV
2630 Dellwood Avenue
Charleston, SC 29405-6814

Number of Tables ______ **@ $8 each (includes 1 chair)** ________

Number of Attendees ______ **@ $5 each (includes 1 prize ticket)** ________

Total Enclosed ________

Company Name: ____________________

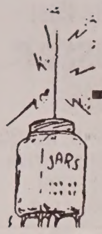
Address: ____________________

____

City, State, Zip: ____________________

Telephone: ____________________

Point of Contact: ____________________



11th Annual JARSFEST 99

ARRL Sanctioned Hamfest

SUN. NOV 21
8:00 A.M. TO 4:00 P.M.

AMER. LEGION COMPLEX
Hwy. 301, N.
BENSON, NC

Adv. Reg. $4.00 — At Door $5.00 — Child (Under 12) Free ,With Adult

Talk-In On 147.270 + 600

BUY, SELL, TRADE *Plus* EXAMS, DEALERS, FOOD

DRAWINGS: GRAND PRIZE – DUAL BAND 2 MTR/70 cm Transceiver

2nd PRIZE – Two Meter Mobile

INSIDE TABLES FOR RENT (All Spaces Sold Out In 98)
Inside Set up: 6:00 AM, RESERVE YOUR SPACE NOW

GREAT FOOD
Biscuits – Burgers – Dogs & More

Out Door Tailgating
OPENS 6:00 AM

NOTICE
Due to local ordinances and club policy, neither weapons nor pornographic material may be displayed or sold at the JARSFEST site.

Local Lodging:
DAYS INN (919) 894-2031 & DUTCH INN (919) 894-7562

EXAMS BEGIN: 10:00 AM (SHARP)

Amateur Radio Exams (Courtesy of RARS VE TEAM)

WALK-INS ONLY. Bring your completed form 610, photo copy of your current license (if applicable), and photo ID. Cost payable at test site by cash or check.

To Reserve Space or More Information Call: (919) 894-3352, 894-3100, & 894-5479 (7:00 PM – 10:00 PM)
E-Mail: blambert@interpath.com

✂ -

Please Print Clearly **JARSFEST 98 Pre-registration** Make Checks Payable To JARS

NAME ________________________________ CALL ______________

ADDRESS ____

CITY ____________________ STATE ______________ ZIP ___________

PHONE (______) ______________________

______	Pre-registration Tickets	@ $4.00 ea.	$ __________
______	Indoor Fleamarket Tables	@ $8.00 ea. plus registration	$ __________
______	Outside Tail Gate Spaces	@ $4.00 ea. plus registration	$ __________

Pre-registration Requests Received Without An S.A.S.E. Or After November 10th Will Be Held At The Door

Johnston Amateur Radio Society, Inc. P.O.Box 302, Benson, NC 27504
http://www.jars.net

From the West - Tennessee News

BOB GAULT, KD4NEC.
221 Cedarwood Trail
Cleveland, TN 37312
bgault@wingnet.net

Greetings from your West Tennessee correspondent. Everybody's been busy with field day and summer hamfests, but things should begin slowing down for fall and winter.

Attention club newsletter editors. I need your help!! If your club wants some POSITIVE publicity about what's going on drop me an e-mail or send it by U.S. mail. We've carved Tennessee up so I cover everything south of I-40 and west of Nashville. This is your column, and we need to include as much as we can in each edition of the Journal. Our next deadline is January 1, 2000.

* * * * *

I hope the Lincoln County Amateur Radio club is having a good year. I visited your web page and enjoyed reading your club history. They've been around since October, 1975. Like most, they've been involved in licensing and Skywarn over the last 29 years.

* * * * *

If you're into six meters, I hear there is a southeastern six meter sideband net on Monday nights at 8:30 p.m. (eastern) on 50.235 USB. Six meters was a hot band several years ago, but interest slacked off. Now, with new radios coming on the market, it's good more activity is showing up on the band. There is also a southeastern two meter sideband net held on Monday night's at 9:30 for those who want to participate. David Benton, WB4JGG of Cleveland, is a primary net control for that net. David has been involved in two meter sideband for some time. He lives atop one of Cleveland's highest ridges so he is situated for some long distance communications. If you have a sideband rig, check out the two-meter sideband net.

* * * * *

We might also mention WB4JGG has been appointed ARES Emergency Coordinator for Bradley and Polk County's by EC Jim Jarvis, WD4DJJ. Serving as his AEC's are Rusty Boling, AE4BK and Alan Pinney, AE4FC.

Benton, Boling and Pinney are charter members of the Ocoee Amateur Radio Society. Their 1999-2000 officers are President Chris Palmgren,W4ORS; Boling serves as vice president; Benton is secrertary and Pinney is club Treasurer.

* * * * *

Middle Tennessee hams may want to attend the Maury County Radio Club's meetings. They meet the second Thursday of each month at Shoney's in Columbia. Starting time for the meeting is seven, so you need to arrive early so you can finish your meal before the meeting starts.

* * * * *

Checking out the Sumner County club's web site I noticed this interesting tidbit.

" Whenever we experience long dry spells as we have this summer the soil becomes so dry that it will no longer conduct electrical and RF currents. You may have noticed the increase in static electricity due to the very low humidity in the air. These conditions can spell disaster to electronic equipment and appliances, increases in RF interference and even damage to circuit boards you may handle and when a thunderstorm does occur you may be in direct line for some major distruction. To help prevent this it may be necessary to wet your ground rods with water solution to aid the soil in conducting."

It has been a long, dry summer across most of Tennessee. Rainfall has been sparce causing may streams and creeks to dry up. Maybe the fall will help reverse conditions.

* * * * *

While attending the Huntsville, Alabama hamfest, we enjoyed talking with several club ~~members representing the Delta Amateur~~ Radio Club from Memphis. They had a nice booth telling about their upcoming events for 1999-2000.

* * * * *

Tennessee hams - don't forget new ham tags are issued based on the month you normally would receive your tags. Up until a couple of years ago amateur tags were only issued in March and requests were due in September.

Things are different now and there is no extra cost involved. Your county court clerk should have application forms to fill out and return to Nashville.

* * * * *

This is the last issue of the Repeater Journal in 1999. We hope you've enjoy the articles and pass the word on to a friend - it is one of the best amateur bargins you'll find.

-See ya next year . . . Bob

Got a SERA Question
And Don't Know Who to Ask?
Email: help@sera.org
We'll Direct you to someone who will help!

From the East - Tennessee News

Donald Phibbs, Jr. AD4QQ
3179 Crooked Oak Drive
Lenoir City, TN 37771
ad4qq@sera.org

This being the last issue before the change of the millennium, I hope everyone is ready. I believe most industries are well prepared, but it is always possible something is being overlooked or underestimated. Let's hope not, but a little preparation certainly will not hurt. By now most of us have seen a list or two what we, as hams, should have on hand by the year's end. Along with the HT, extra batteries, flashlights, and generators we should be prepared with our operating skills and technical expertise. In case of serious problems our skills, experience, and our being willing and able to volunteer will be our greatest contribution.

A booklet on Y2K can be downloaded at www.fema.gov/y2k . It's entitled "Y2K & You, A new Horizon." This booklet is published by the Federal Emergency Management Agency. Another site that might be helpful to Tennesseans with it 's wealth of information is at www.state.tn.us/finance/oir/y2k. This is the Tennessee Guidebook 2000 site.

A meeting was held at the Sullivan Metro Health Department on September 7, 1999, to help emergency agencies in the Johnson City area to be prepared for disasters and emergencies. Participating in the meeting were the Johnson, Unicoi, Green, Hawkins, and Hancock County Hospitals. The Mountain State Health Alliance, Wellmont Systems, and the American Red Cross were also represented at the meeting. Key people at each facility were paired with local ARES hams and listing of local repeater frequencies were presented. A review of presentequipment and future needs were also discussed.

A special thanks to the radio amateurs involved in the ARES/RACES flood response in North Carolina and Virginia flooding caused by Hurricane Floyd and Hurricane Gert. There were over 300 amateurs participating. They were providing communication between eight Southern Baptist Convention mobile kitchens, staffing shelters, acting as net control stations, and helping relief efforts by the American Red Cross, the Salvation Army, and others. A special Red Cross repeater was also established with the help of the volunteering hams. Most of the emergency traffic was handled on VHF and UHF repeaters, but some HF frequencies were used. Thanks again to all the amateurs taking part in the relief effort.

Hamfests Cancelled

Two different hamfest sponsors have notified the Repeater Journal that they are cancelling their shows.

Both are in North Carolina.

Fred Redman, NC4FR notifed us that the long-running Greensboro hamfest scheduled for Dec. 2, 1999 has been cancelled. No reason given.

The Forsyth County ARS of Winston-Salem, notified us that their January 2000 show will be cancelled. They will present their June show.

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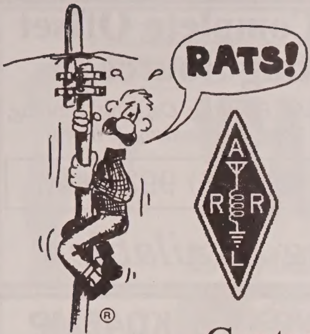

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SUNDAY, JANUARY 16, 2000

The Showplace, 3000 Mechanicsville Turnpike, Richmond, Virginia - Show Hours 8^{30}am - 3^{30}pm

65,000 SQ. FOOT INDOOR FLEA MARKET! NATIONAL AND LOCAL VENDORS with over 400 tables and more than 3100 eager buyers; some of this year's best deals will be made. See all the latest radio and computer gear. National and local experts can answer your technical questions. Demonstrations of new products from ICOM, YAESU, KENWOOD, ALINCO, STANDARD and more! Meet your friends, enjoy the show, and get that hard to find item, plus BIG SAVINGS!

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TALK-IN Sunday, 6 a.m. - Noon. 146.88 Repeater

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Vendors set-up from 1:00 p.m. until 8:00 p.m. on Saturday, January 15th, and from 6 a.m.'till 8 a.m. on the day of the show. Drive-in for unloading will be available Saturday ONLY! **No drive-in on Sunday!!!**

FREE FORUMS

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RESERVATION HOTLINE: (804) 330-3165

ADDITIONAL INFORMATION: Frostfest Info Line, (804) 739-2269 box FEST(3378) or Find us on the Internet at http://frostfest.rats.net

RESERVE NOW! CUT-OFF FOR ADVANCE TICKETS AND RESERVATIONS IS DECEMBER 28, 1999!

RJ

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(Limit one extra table per booth space)

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(Non-commercial vendors must also purchase General Admission Tickets)

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(Payment of one power fee covers all flea market tables for an exhibitor and includes access to one 120V outlet)

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Make Checks payable to RICHMOND FROSTFEST (Postdated checks NOT accepted!) ....TOTAL:$__________
Please enclose a #10 Self-addressed stamped envelope if only ordering admission tickets

MAIL THIS FORM, WITH YOUR CHECK AND SASE TO: Richmond Frostfest, P.O. Box 14828, Richmond, VA 23221-0828

PLEASE DO NOT MAIL ANY CORRESPONDENCE AFTER DEC 28, 1999!

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SPOTLIGHT PAGE

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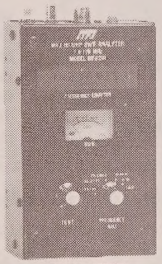
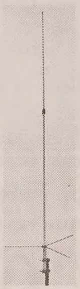


MFJ



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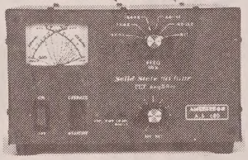
DUAL
BANDER

AMERITRON



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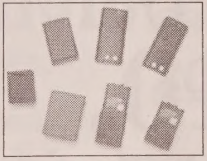

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On The Road With SERA

Frank Lynch (Center) is presented a "Smith Chart" by friends at the Cary Hamfest. It was given, when Frank went from Tech to Extra at a VE test session. Shown from left are: David Thompson, K4GWH, Bob Lukaszewski, K4HA, Frank, Herb Lacey, W3HL, and Bill Klutz, WA4ONO.

A SERA membership sign-up session for RACK members at Knoxville, TN.

Don Williams and Doug Sharp man SERA booth at The Roanoke VA Hamfest

What It's Like After the Flood

(Continues from Page 20)

on the news? Why were there were no reporters or cameras to be found in Jones county? I told them that there are a lot of small towns in North Carolina. And so, if you'd like to help out, please consider sending a monetary contribution of any size to:

The Hurricane Floyd Disaster Relief Fund, Office of the Governor, 20301 Mail Service Center, Raleigh, N.C. 27699-0301. You can also call them at (800) 462-9021.

As you know, there are many donation centers set up around the triangle for canned goods, bottled water, and so on. These items will of course help, but in my option what is more critical at this point is sheer manpower to help the tens of thousands of victims dig out and rebuild their homes and businesses. Contributing to the governor's Disaster Relief Fund will, I think, help to mobilize these resources pretty quickly. Even if it's just a buck or two, there are desperate folks down east that will be forever grateful.

Thanks for listening folks. Next weekend my wife and I travel to Greenville to help dig out my sister-in-law Barbara. The flood waters have not yet receded from her home but we're hopeful they'll come down if we don't get any more rain. Wish us luck [we'll need it]. Joe M. (9-30-99)

We regret to inform you that the Winston-Salem Hamfest scheduled for January has been canceled so that we can concentrate our resources on our much larger June Hamfest.

The Winston-Salem Hamfest

June 10, 2000

Outside Tailgating!

Location: Dixie Classic Fairgrounds

(Deacon Blvd., Gate 5, same as last year)

Sanctioned Hamfest

For more information visit
FARC's Web site: http://www.rbdc.com/~kq4lo/farc.htm

Sanctioned Hamfest

The Power Went Off!

-Submitted by Joe Pickens, N8UXE

On a Monday afternoon in July, seven trees decided to fall. No one knows why, but when they fell they wreaked havoc. Three of them fell on power lines on Rt. 47, and four fell on power lines on Rt. 50 East of Parkersburg (WV).

When the lines hit the ground, brush fires were started and fire departments from Deerwalk, Eastwood, PMBS, and Waverly were called into action.

If the fires weren't enough, four communication towers were affected. One, owned by station WXIL-FM, which is part of the Emergency Alert System (formerly known as Emergency Broadcast System or EBS) went off the air. Had the backup generator started properly, the radio station would have stayed on the air. The new batteries installed just a couple of weeks earlier were dead.

The tower site also houses the Public Safety high band repeater for Wood County Emergency Services and a remote receiver for the Wood County Fire Fighters fire band repeater. With the loss of the Emergency Services repeater, the Wood County Auxiliary Police/Rescue Squad was unable to be alerted. The power loss at the WXIL tower also caused the fire fighters a problem getting into the fire repeater due to the remote receiver being down in the area of the fire. Another tower which is across the road from the broadcast tower houses the transmitter for the Fire Fighters fire repeater. This tower didn't cause much concern, because it had large back-up batteries were were working.

A third tower owned by the Emergency Medical Services (EMS) on Rt. 50, which also houses the High Band repeater for the Wood County Sheriff's Department also had battery backup, with time limitations. The fourth tower owned by Miller Communications has several UHF business repeaters and remote receivers for the Wood County fire band and Sheriff's band repeaters. The 147.255 Wood County EC Amateur repeater is also located on this tower.

When the call went out, four members of the Wood County EC decided to lend a hand. Same, N8SVX was first to start with carrying a generator to the EMS tower site to keep the batteries changed, which allowed the Sheriff's repeater to stay on the air.

Other amateurs, Cathy, KC8DJJ and Mike, KC8JWR carried ice, water and cups to the fire fighters on the Rt. 50 fire. Temperatures in the 90's was really wearing out the fire-fighters. They stayed on the scene, assisting in the care of overheated Fire Fighters.

Ken, WA8LLM met with Asst. Emergency Services Dir., Terry Brown, KC8OAF at the WXIL tower site. With the radio engineer, they worked to get the generator started from it's dead batteries. Ken came up with the idea of wiring up their two vehicles with jumper cables to get 24-volts. The cables were not long enough to jump both vehicles and reach the generator batteries, so Ken took the battery out of his vehicle and placed it in the building beside the generator. Some other jury-rigging and they had a complete circuit.

Within 5 minutes, the generator was running, and the multiple communications repeaters for emergency, fire, police were back on line.

Thanks to the quick action of some Wood County Amateurs.

NC Repeater Owners Info

Damage assessments to many repeaters and repeater sites in Eastern North Carolina are still not known.

If you're the trustee of a machine that needs to be permanently moved to another site because of site damage, etc. please don't hesitate to contact the SERA NC-Vice Director and Frequency Coordinator, Frank A. Lynch, W4FAL.

He will be happy to help you recoordinate your machine and may be able to help with providing information on alternate sites. Additionally if you have a machine that is going to be off the air for an extended period of time or a machine that was damaged and you don't plan to put back on the air, contact him so he can update his records.

Frank can be reached at work (919) 905-2934 or home (919) 217-1999 or via email: w4fal@sera.org.

The Raleigh Amateur Radio Society says:
Thanks for a great RARSFest '99!

RARSFest
NC ARRL State Convention,
Hamfest & Computer Fair
Sunday, April 9th, 2000

Be sure to mark your calendar for April 9th, 2000. RARSFest '00 just wouldn't be the same without YOU!

RARSfest Info:
w4dw@arrl.net

• RARSfest Social Saturday Night • Royal Order of the Wouff Hong Ceremony • Amateur Radio Exams • Special Interest Forums • Dealer Space • Homebrew and Operating Contests • Hamfest Prizes • 110,000 Sq. Ft. Indoor Fleamarket • Free Parking • NC State Fairgrounds • Raleigh, NC

The SERA Repeater Journal Southeastern
2000 HAMFEST/CONVENTION SCHEDULE

Please Note: Hamfest dates marked with an asterisk (*) are NOT confirmed and are based on information on record from the previous year's date, with no guarantee of accuracy. Hamfest sponsors are urged to get their correct show dates to the *Repeater Journal* Editor as soon as possible. We acknowledge and appreciate assistance in confirming dates from SERA & ARRL Directors; the ARRL, Commercial Dealers, and the response of many clubs and individuals sponsoring ham and computerfests. Deadline for Feb. issue is Jan. 10, 2000.

JANUARY, 2000

1-2. . HF at Talley Ward Rec Cen, MORRISTOWN, TN
7-8 (fri.eve-sat) . . . . Hamfest, GAINESVILLE, FL
8 . . . . Hamfest, SOUTH BEND, IN
8. . . . . Hamfest, GREENWOOD, SC
8-9 . . . . Ft. Myers ARC Hamfest FT. MYERS, FL
15 . . . . Hamfest at SLU Univ., HAMMOND, LA
15-16 . . . . Hamfest, SARASOTA, FL
16. . . . . . FrostFest at the Showplace, RICHMOND, VA
22. . . . . Hamfest at Civic Center, GALLATIN, TN
22 . . . . HF at Hernando Cty FG, BROOKSVILLE, FL
22 . . . . UWF ARC Hamfest, PENSACOLA, FL
29. . . . . Hamfest, GREENVILLE, AL
29. . . . . DeSoto ARC Hamfest, ARCADIA, FL
30. . . . . . Md Mobileers ARC Hamfest, ODENTON, MD

FEBRUARY, 2000

4-5 (fri-sat). . . MS St. ARRL/Conf/HF, JACKSON, MS
5 . . . . Hamfest at Stall HS, N. CHARLESTON, SC
5-6. . . . SE ARRL/Ham at Dade Expo Cen, MIAMI, FL
11-13 FL St. ARRL/Conv/HF, Cen.Fl.FG, ORLANDO, FL
12-13 . . . TN State ARRL Conv/Hamfest, MEMPHIS, TN
19. . . . . AR River Val. Hamfest, RUSSELLVILLE, AR
20 . . . . Hamfest, Nat'l Grd. Armory, ELKIN, NC
26* . . . . Dalton ARC Hamfest, DALTON, GA
26-27*. . . . . Gr.Lakes. ARRL Conv/HF, CINCINNATI, OH
27* . . Cuyahoga Falls ARC HF, CUYAHOGA FALLS, OH
27*. . . . . Teays ARC Hamfest, CIRCLEVILLE, OH
27 . . . Vienna Wireless Assn Winterfest, ANNADALE, VA
27. . . . . Phinneyfest, ZEPHYRHILLS, FL

MARCH, 2000

4-5* . . . . . . HF at Jackson Cty. FG PASCAGOULA, MS
4-5 . . Hamfest under the sun, NEW PORT RICHEY, FL
5* . . . . . . Kerbela Hamfest at Temple, KNOXVILLE, TN
11* . . . Mam. Cave ARC Ham/Swapfest, CAVE CITY, KY
11* . . . . Hamfest, ENGLEWOOD, FL
11* . . . . Black Warrier Swapfest, TUSCALOOSA, AL
11* . . . . HF at Nat'l Grd. Armory, SEBRING, FL
11-12. . . . . HF/Comp. Show, CHARLOTTE, NC
11-12*. . . . . Acadiana ARA Hamfest, RAYNE, LA
12* . . . . . . Hamfest/Computer Show, INDIANAPOLIS, IN
12* . . . . Conneaut ARC Hamfest, CONNEAUT, OH
17-18* . . . Swapfest at Cty FG, FT. WALTON BEACH, FL
17-18 (Fri.Nite-Sat) . . . . Hamfest, MARIETTA, GA
18 . . . Hamfest at Coonskin Armory, CHARLESTON, WV
18 . . . . Hamfest, ELIZABETHTOWN, KY
18* . . . Hamfest at Craighead cty FG, JONESBORO, AR
18. . . . . Hamfest, Martin Cty. Fg, STUART, FL
19 . . . . Toledo MRA Hamfest, MAUMEE, OH
25. . Plateau Hamfest (frmly Fayetteville), BECKLEY, WV
25. . . . . Middle TN ARS Hamfest, TULLAHOMA, TN
25-26 . . . . MD St. ARRL Conv/Hamfest, TIMONIUM, MD
26* . . . . Lake Cty ARA Hamfest, MADISON, OH

APRIL, 2000

2. . . . Downeast HF - Lenior Cty. Frgrds, KINSTON, NC
7-8* (fri-sat) . . . . Hamfest, TUPELO, MS
8 . . . . Hamfest, OAK RIDGE, TN
8* . . . . Cave Run ARA Hamfest, MOREHEAD, KY
9. . . NC ARRL St. Conv/HF, Comp. Fair, RALEIGH, NC
15. . . . . . Catawba Val. HF & Comp., MORGANTON, NC
15 . . . . . Marshall Cty ARC Hamfest, ALBERTVILLE, AL
15* . . . . Murray State Univ. ARC Hamfest, MURRAY, KY
15* . . . . Rhea Cty. ARS Hamfest, DAYTON, TN
21-22 (fri.eve-sat) . . . . Hamfest, LITTLE ROCK, AR
22* . . . . . Cherokee Cap. ARS Hamfest, CALHOUN, GA
22* . . . . Benton Cty Radio Oper HF, BENTONVILLE, AR
22*. . . . Springfest at Old Gertie Sch, CHESAPEAKE, VA
22* . . Cen. WV HF, Braxton Mid.Sch. FLATWOODS, WV
23* . . . . Athens Co. ARA Hamfest, ATHENS, OH
29 . . . . Bankhead ARC Hamfest, MOULTON, AL

MAY, 2000

6* . . Big Sandy ARC 3rd Annual Hamfest, LOUISA, KY
6* . . . . Nashville ARC Hamfest, NASHVILLE, TN
6 . . . . Bankhead ARC Hamfest, MOULTON, AL
6*. . . . . . 4th Salkehatchie Tailgate Party, WINSOR, SC
6*. . . A.Arundel/Kent Is.Hamfest, GRAYSONVILLE, MD
6-7. . . . . Birminghamfest, BIRMINGHAM, AL
7 . . . Great Hagerstown Hamfest, HAGERSTOWN, MD
7* . . . . Jax Cty ARC Hamfest, RIPLEY, WV
7* . Pennyrile Tailgate at Park, DAWSON SPRINGS, KY
7*. . . Upstate SC Hf (formerly Grnvl), ANDERSON, SC
13*. . . Clksvl. Am.Xmit.Soc Hamfest, CLARKSVILLE, TN
13* . . . . EC Antique RC Meet, GREENVILLE, NC
13* . . . . Hamfest, STATESBORO, GA
19-21 . . . . . ARRL Nat'l Conv/Hamvention, DAYTON, OH
21*. . . . . . . MD FM Assn. Hamfest, W.FRIENDSHIP, MD
27*. . . . . Dur-HamFest at S. Sq. Mall, DURHAM, NC

JUNE, 2000

3* . . . . . Franklin ARRA Picnic/Tailgate, FRANKLIN, VA
3-4* . . . . GA St. ARRL/HF & Comp.Fair ATLANTA, GA
4 . . . . . Ole Va Hams, Hamfest at FG, MANASSAS, VA
4*. . . . . Hamfest, PRINCETON, IL
9-10* (Fri-Sat). . . . . . . HF/Computer Fair, ALBANY, GA
10 . . . Hamfest at Dixie Frgrnds, WINSTON-SALEM, NC
11* . . . PARA HF at Exec. Inn Conv. Cen, PADUCAH, KY
11. . . . . . . Hamfest/Elecronic Flea Mkt, KNOXVILLE, TN
11* . . . . N. Ky ARC Hamfest, INDEPENDENCE, KY
17* . . . . Milford ARC Hamfest, CINCINATTI, OH
17* . . . HF/Com Fair at Brushfork Arm., BLUEFIELD, WV
18* . . . . . Monroe Cty RC Assn., Hamfest, MONROE, MI
18* . . . . Cuyahoga ARS Hamfest, MACEDONIA, OH
24-25 . . . . ARRL FIELD DAY

JULY, 2000

8*. . . ARRL Cen.Div.Conv/Hamfest, INDIANAPOLIS, IN
8 GA St. ARRL/Lanierland ARC HF, GAINESVILLE, GA
8 . . . . Hamfest, KANSAS CITY, MO
9*. . . . . . Firecracker HF at Civic Cen, SALISBURY, NC
9* . . . Monroe Cty ARC Hamfest, TOMPKINSVILLE, KY
15*. . . . . Hamfest at Bradley HS, CLEVELAND, TN
15 . . . . Midsummer Swapfest, CARY, NC
16* . . . . VanWert ARC Hamfest, VAN WERT, OH
21-22* (fri-sat). . . . . Hamfest, MILTON, FL
22* . . . . OH-KY-IN ARS Hamfest, CINCINNATI, OH
23*. . . . BRATS HF and Computer Fest, TIMONIUM, MD
29* . WCARS HF, Haywood Cty. FG, WAYNESVILLE, NC
29* . KY Colonels ARC Hamfest, BOWLING GREEN, KY
30 . . . . Portage Cty ARC Hamfest, RANDOLPH, OH

AUGUST, 2000

5 . . . . . HF at Wm. Byrd H.S. VINTON, ROANOKE, VA
5. . . . Voice of Aladdin ARC Hamfest, COLUMBUS, OH
6* . . . . Hamfest, SPRINGFIELD, MO
6. . . . . . 50th Annual Winchester HF, BERRYVILLE, VA
6. . . . . . . Hamfest at Stuben Cty Frgrnds, ANGOLA, IN
6* . . . . TSRAC HF, WHEELING, WV
12. . . . . . . TARA HF & comp. Show, HUNTINGTON, WV
13* . . . . Tippecanoe ARA Hamfest, LAFAYETTE, IN
13*. . . . . HF at Nat'l Grd. Arm, LEXINGTON, KY
19-20 . . . . HF at Braun Civic Cen, HUNTSVILLE, AL
26* . . . . WV State Conv/HF, (Jksons Mill) WESTON, WV
26*. . . . St. Clair ARES/RACES Hamfest, PELL CITY, AL
27* . Sht. Mt. RC, Hamfest, CEDARS OF LEBANON, TN

Calendar Continues on Next Page

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2000 Southeastern Convention/Hamfest Schedule Continues

SEPTEMBER, 2000

2-3 . . . . . . Hamfest at Cleveland Cty FG, SHELBY, NC
9* . . . . Hamfest, GREENVILLE, MS
9* . . . . Owen Cty ARA Hamfest, SPENCER, IN
9-10* . . . . HF at Bullit Cty FG, LOUISVILLE, KY
9-10* . . . . . . Hamfest at Auditorium, MELBOURNE, FL
10* . . . . Findlay ARC Hamfest, FINDLAY, OH
10* . . . . Butler Cty ARA Hamfest, BUTLER, PA
16* . . . . Hamfest, LITTLE ROCK, AR
16* . . . . S.KY DX Assn. Hamfest, CAVE CITY, KY
16* . . . . Hamfest, DALLAS, GA
17* . . . . . . Greater Cinci ARA Hamfest, CINCINNATI, OH
23* . . . . Mobile ARC Hamfest, MOBILE, AL
23-24* . . . . HF at Voteck Cen at YELLOW BRANCH, VA
24* . . FARS Hamfest (former Gaithersburg), BOWIE, MD
24* . . . . . Hamfest Assn. of Clev. HF, CLEVELAND, OH
24* . . . . Hamfest at Nat'l Grd. Armory, BUTNER, NC
24* . . Suncoast ARC Hamfest, NEW PORT RITCHEY, FL

OCTOBER, 2000

6-7*(fri-eve-sat) Hamfest at Bradford Cty. FG, STARK, FL
7* . . . . Hamfest/Computer Fair, ROCK HILL, SC
7* . . . . Hoosier Hills HC Hamfest, LAWRENCE CTY, IN
7* . . . ARC of Augusta, HF/Comp Show, AUGUSTA, GA
7-8 (tentiv)HF & Computer Show, VIRGINIA BEACH, VA
7-8* . . . . Memfest '99 Hamfest, MEMPHIS, TN
8* . . . . Hamfest, MAYSVILLE, NC
13-14* (fri.eve-sat) . . . . Hamfest, BILOXI, MS
14* . . . Tri-Cities Hamfest at Appalachian FG, GRAY, TN
21* . . . HF at C.Jordan in E.Ridge, CHATTANOOGA, TN
21* . . . . . . Comp/HF, at Catawba Val CC, HICKORY, NC
21* . . . . Sumter ARC Hamfest/Comp. Fair, SUMTER, SC
22* . . . . Boone/Clinton Cty. Hamfest, LEBANON, IN
22* . . . . . . Mason-Dixon Hamfest, WESTMINSTER, MD
27-28* (fri-sat) . . . . Hamfest, JACKSONVILLE, FL
29* . . . . Marion ARC Hamfest, MARION, OH

NOVEMBER, 2000

4 (new dte) UCARS HF at Nat'l Grd. Ar., MONROE, NC
4* . . . . Beachfest '00, MYRTLE BEACH, SC
4* . . . . Swapfest at Hazard H.S., HAZARD, KY
4* . . . . Lake ARA Hamfest, SORRENTO, FL
4-5 . . . . . . HR/Comp. Expo '00, LAWRENCEVILLE, GA
5* . . . . Massillon ARC Hamfest, MASSILLON, OH
11* . . . . AL St. ARRL/Hamfest, MONTGOMERY, AL
11* . . . . Hamfest, TITUSVILLE, FL
11* . . . . . Twin City Hams Hamfest, WEST MONROE, LA
11-12 . . . . Hamfest, FT. WAYNE, IN
17-18* (fri-sat) . . . . Hamfest, OCEAN SPRINGS, MS
18* . . . . Grant ARC Hamfest, GEORGETOWN, OH
18-19* . . . . Sun Coast Hamfest, TAMPA, FL
19* . . . . . JARSFEST at American Legion, BENSON, NC

DECEMBER, 2000

2 . . . . 20th HF & Com. Show, GREENSBORO, NC
2* . . . . Hamfest at Agri. Center, OKEECHOBEE, FL
2* . . . . Hamfest at Civic Center, EASTVIEW, TN
2* . . . . Hamfest at Booster Stadium, OCALA, FL
2* . . . . Claxton ARES Hamfest, CLAXTON, GA
2* . . . . Wiregrass ARC Hamfest, DOTHAN, AL
9* . . . . Union Cty ARC Hamfest, at Armory UNION, SC
9* . . . . Hamfest at Spts. Hall of Fame, LAKE CITY, FL

2001 CONFIRMED DATES

June 3 . . . . Ole Va. Hams Hamfest, MANASSAS, VA
May 18-20 . . . . Dayton Hamvention, DAYTON, OH
Aug. 4 . Voice of Alladin ARC Hamfest, COLUMBUS, OH
Aug. 5 . . . 51st Annual Winchester HF, BERRYVILLE, VA
Aug. 5 . . . . Hamfest at Stuben Cty Frgrnds, ANGOLA, IN
Aug. 18-19 . . . . Hamfest, HUNTSVILLE, AL

2002 CONFIRMED DATES

May 17-19 . . . . 50th Anniv Dayton Hamv., DAYTON, OH
Aug. 4 . . 52nd Annual Winchester HF, BERRYVILLE, VA
Aug. 16-17 . . . . Hamfest, HUNTSVILLE, AL

2003 CONFIRMED DATES

May 16-18 . . . . Dayton Hamvention, DAYTON, OH
Aug. 6 . . . 52rd Annual Winchester HF, BERRYVILLE, VA

Final 1999 Southeastern Convention/Hamfest List

NOVEMBER, 1999

6 . . . . Beachfest '99, MYRTLE BEACH, SC
6 . . . . Lake ARA Hamfest, SORRENTO, FL
6-7 . . . . . . HR/Comp. Expo '99, LAWRENCEVILLE, GA
6 . . . . Swapfest at Hazard H.S., HAZARD, KY
7 . . . . Massillon ARC Hamfest, MASSILLON, OH
13 . . . . AL St. ARRL/Hamfest, MONTGOMERY, AL
13 . . . . Hamfest, PORT ST. LUCIE, FL
13-14 . . . . IN State ARRL Conv/Hamfest, FT. WAYNE, IN
19-20 (fri.eve-sat) . . . . Hamfest, OCEAN SPRINGS, MS
20 . . . . Grant ARC Hamfest, GEORGETOWN, OH
20-21 . . . . FL.St ARRL Conv. Gulf Coast HF, TAMPA, FL
21 . . . . . . JARSFEST at American Legion, BENSON, NC
27 (new dte) 19th HF & Com. Show, GREENSBORO, NC

DECEMBER, 1999

4 . . . . Hamfest at Agri. Center, OKEECHOBEE, FL
4 . . . . Claxton ARES Hamfest, CLAXTON, GA
4 . . . . Wiregrass ARC Hamfest, DOTHAN, AL
11 . . . . . Union Cty ARC Hamfest, at Armory UNION, SC
11 . . . . . Hamfest at Spts. Hall of Fame, LAKE CITY, FL

Need Your Hamfest Listed?
Need Confirmed date Listed?
Want Hamfest Advertising?
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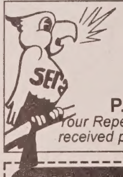

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TECHNICAL ADVICE

-by Randy McKinzie

How to Beat Y2K

The TV, radio, and internet is filled with all kinds of Y2K problems, offers, or ideas of how the century will end. Computer systems have been tested (we hope) and control, telephone, and electrical companies pray they can still operate. But is it for real??

I remember reading about 1899, people back then worried about the end coming with 1900. I'm sure people worried less, but still they watched.

Today, we have so many people that can't function unless they are on the internet, email, or using the PC to keep up with their activities. People plan, buy, relax, and work via our wonderful computers. In an instant the world can relay current news, weather, or recipes. In an instant it could come to a halt.

Preachers have talked about the end of time since we all remember. They relate to 2000 as a significant date in the Bible. I understand the Bible teaches that no man knows when, but we should be always ready.

Does the earth know that it is year 2000? NO. Man has become so arrogant that he thinks the universe is using his time. Mankind spent centuries arguing over the right calendar anyway. Mankind has allowed some computer junkies to create this panic.

So how will I prepare for Y2K? I always keep flashlight batteries. I have a propane grill. I know there is at least 20 cans of something in the pantry. I will stock up on diapers, wipes, and Dr. Pepper. (important commodities)

I might get a tank of gas.

I will beat the Y2K bug by not listening to the news media. They can create problems, get people excited. One little thing will act funny and the news will report it, and someone will go into full tilt panic. The State Police are expecting more of a people problem than equipment. I agree.

So when you're watching the ball drop. Enjoy being alive at year 2000. Happy New Year! I'll be asleep by 12:05 anyway . . .

I think Y2K will be known as the biggest hoax of the 20th century. Of course, if something DOES happen, then all this was typed out on my NON Y2K computer . . . HA! See you in 2000!

-Randy

Financial Report - by Johnny Wofford, WA4ETE

TREASURER - SOUTHEASTERN REPEATER ASSN., INC.

INCOME	Jul-Sept 98	Oct-Dec98	Jan-Mar 99	Apr-Jun 99	Jly-Sept 99	Total 99 YTD
S-Adv	$ 5,778.60	$ 6,625.50	$ 3,845.00	$ 8,555.05	$ 1,776.40	$ 14,176.45
S-ARRL Royalty	$ -	$ -	$ -	$ 2,193.00	$ -	$ 2,193.00
S-Assoc	$ 3,991.00	$ 1,667.00	$ 2,336.00	$ 3,943.00	$ 2,960.00	$ 9,239.00
S-Full	$ 340.00	$ 3,790.00	$ 453.00	$ 995.00	$ 315.00	$ 1,763.00
S-HOTP-Prepaid	$ 137.50	$ 81.25	$ 12.50	$ 216.75	$ 75.00	$ 304.25
S-INT	$ 142.91	$ 138.24	$ 189.59	$ 489.81	$ 122.85	$ 802.25
S-NC-Refund	$ -	$ -	$ -	$ -	$ 845.58	$ 845.58
S-Other	$ -	$ 5.00	$ -	$ -	$ 14.00	$ 14.00
S-Refund	$ -	$ -	$ -	$ -	$ -	$ -
S-RJsales	$ 585.00	$ 660.00	$ 8.00	$ 401.25	$ 213.00	$ 622.25
S-Shirts		$ -	$ -	$ -	$ -	$ -
S-transfer		$ 6,246.20	$ -	$ -	$ -	$ -
TOTAL INCOME	$ 10,975.01	$ 19,213.19	$ 6,844.09	$ 16,793.86	$ 6,321.83	$ 29,959.78
EXPENSES						
S-Bank	$ 12.50	$ -	$ 59.00	$ -	$ 23.50	$ 82.50
S-Copyright	$ -	$ -	$ -	$ 20.00	$ -	$ 20.00
S-HOTP	$ -	$ -	$ -	$ (87.50)	$ -	$ (87.50)
S-Internet	$ -	$ 108.08	$ 59.85	$ 59.85	$ -	$ 119.70
S-Jour-Postage	$ 1,053.59	$ 1,820.20	$ 1,007.39	$ 1,416.15	$ 1,183.43	$ 3,606.97
S-Jour-Print	$ 7,369.74	$ 6,679.62	$ 1,314.38	$ 6,884.58	$ 6,044.98	$ 14,243.94
S-Lodging	$ -	$ -	$ 2,113.10	$ 2,039.53	$ 220.96	$ 4,373.59
S-Mail Serv.	$ 309.58	$ 316.96	$ -	$ 635.54	$ 314.27	$ 949.81
S-Medicare	$ 3.24	$ (7.56)	$ 20.01	$ -	$ -	$ 20.01
S-Office	$ 379.47	$ 166.49	$ 7,283.18	$ 645.79	$ 294.88	$ 8,223.85
S-P.O. Box	$ -	$ 20.00			$ -	$ -
S-Phone	$ 284.06	$ 307.63	$ 294.79	$ 423.31	$ 354.81	$ 1,072.91
S-Postage	$ 168.03	$ 93.56	$ 322.33	$ 226.41	$ 406.48	$ 955.22
S-Promotional	$ -	$ -	$ 246.60	$ 91.99	$ 68.20	$ 406.79
S-Repair	$ 259.64	$ -	$ -	$ 1,716.61	$ 105.98	$ 1,822.59
S-Salary	$ 168.66	$ 521.44	$ 440.33	$ 168.66	$ 118.12	$ 727.11
S-Shipping	$ 234.95	$ 130.25	$ 87.04	$ 179.38	$ 78.94	$ 345.36
S-SSecurity	$ 13.81	$ (32.33)	$ 85.57	$ -	$ -	$ 85.57
S-Tax	$ (377.19)	$ 327.24	$ 483.47	$ (450.39)	$ 285.00	$ 318.08
S-Travel	$ -	$ 55.50	$ -	$ 0.15	$ 415.00	$ 470.65
TOTAL EXPENSES	$ 9,880.08	$ 10,507.08	$ 13,817.04	$ 13,970.06	$ 9,914.55	$ 37,701.65
TOTAL INCOME - EXPENSES	$ 1,094.93	$ 8,706.11	$ (6,972.95)	$ 2,823.80	$ (3,592.72)	$ (7,741.87)

ASSETS	Jul-Sep 98 Balance	Oct-Dec98 Balance	Jan-Mar 99 Balance	Apr-Jun 99 Balance	Jul-Sep 99 Balance	Average Balances
SERA Account	$ 7,289.50	$ 4,104.24	$ 4,610.62	$ 8,830.27	$ 4,362.12	$ 6,208.68
SERA Transfer Account	$ 2,128.15	$ 3,176.15	$ 5,060.00	$ 93.00	$ -	$ 2,591.08
SERA's Savings Account	$ 20,683.45	$ 20,961.37	$ 22,182.93	$ 11,754.08	$ 12,722.51	$ 18,895.46
SERA's Savings CD				$ 14,000.00	$ 14,000.00	$ 14,000.00
TOTAL ASSETS	$ 30,101.10	$ 28,241.76	$ 31,853.55	$ 34,677.35	$ 31,084.63	$ 31,218.44

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